

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
 Data File : VX006593.D
 Acq On : 18 Dec 2018 12:57
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 19 00:36:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:31:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	652279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	981048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	861082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	469951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	983789	139.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.88%	
35) Dibromofluoromethane	5.51	113	930611	150.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.00%	
50) Toluene-d8	8.71	98	3400472	145.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.78%	
62) 4-Bromofluorobenzene	11.14	95	1231938	143.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	829415	138.996	ug/l	99
3) Chloromethane	1.32	50	860313	133.822	ug/l	99
4) Vinyl Chloride	1.41	62	928362	138.267	ug/l	99
5) Bromomethane	1.64	94	907863	124.358	ug/l	99
6) Chloroethane	1.71	64	759504	163.368	ug/l	98
7) Trichlorofluoromethane	1.92	101	1507199	143.980	ug/l	99
8) Diethyl Ether	2.19	74	570127	137.123	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	870111	141.566	ug/l	99
10) Methyl Iodide	2.51	142	1356308	154.157	ug/l	99
11) Tert butyl alcohol	3.10	59	1149958	732.971	ug/l	98
12) 1,1-Dichloroethene	2.37	96	833907	143.088	ug/l	98
13) Acrolein	2.30	56	783467	740.244	ug/l	97
14) Allyl chloride	2.73	41	1456840	148.509	ug/l	100
15) Acrylonitrile	3.16	53	2541179	729.501	ug/l	100
16) Acetone	2.46	43	2128604	659.052	ug/l	98
17) Carbon Disulfide	2.56	76	2338498	151.625	ug/l	100
18) Methyl Acetate	2.78	43	1394013	146.783	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	2848050	147.240	ug/l	99
20) Methylene Chloride	2.85	84	910158	136.279	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	897750	139.028	ug/l	97
22) Diisopropyl ether	3.87	45	2613119	145.607	ug/l	94
23) Vinyl Acetate	3.82	43	10843708	738.693	ug/l	100
24) 1,1-Dichloroethane	3.70	63	1481529	138.290	ug/l	100
25) 2-Butanone	4.71	43	3096987	681.689	ug/l	100
26) 2,2-Dichloropropane	4.58	77	1239027	149.722	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	1020085	143.180	ug/l	99
28) Bromochloromethane	5.02	49	643654	130.675	ug/l	99
29) Tetrahydrofuran	5.16	42	2108177	704.549	ug/l	99
30) Chloroform	5.22	83	1587203	143.068	ug/l	100
31) Cyclohexane	5.57	56	1367439	140.500	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	1429493	152.599	ug/l	100
36) 1,1-Dichloropropene	5.80	75	1191395	146.627	ug/l	100
37) Ethyl Acetate	4.86	43	1225146	144.868	ug/l	99
38) Carbon Tetrachloride	5.78	117	1264445	160.126	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1547025	144.619	ug/l	98
40) Benzene	6.14	78	3590522	145.375	ug/l	100
41) Methacrylonitrile	5.07	41	679045	142.884	ug/l	99
42) 1,2-Dichloroethane	6.20	62	1191302	141.550	ug/l	100
43) Isopropyl Acetate	6.46	43	2010116	156.214	ug/l	100
44) Trichloroethene	7.21	130	1080346	144.520	ug/l	95
45) 1,2-Dichloropropane	7.51	63	899870	149.721	ug/l	98
46) Dibromomethane	7.66	93	654123	147.961	ug/l	98
47) Bromodichloromethane	7.90	83	1198511	163.291	ug/l	97
48) Methyl methacrylate	7.77	41	1003194	153.309	ug/l	99
49) 1,4-Dioxane	7.76	88	500432	2702.927	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	6043284	738.126	ug/l	99
52) Toluene	8.79	92	2349690	147.259	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1362494	173.086	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1474973	170.768	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	942538	144.314	ug/l	99
56) Ethyl methacrylate	9.18	69	1400219	151.688	ug/l	98
57) 1,3-Dichloropropane	9.37	76	1504638	143.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	3639628	741.743	ug/l	100
59) 2-Hexanone	9.50	43	4721509	753.720	ug/l	99
60) Dibromochloromethane	9.59	129	1055709	175.489	ug/l	99
61) 1,2-Dibromoethane	9.67	107	1033229	148.820	ug/l	99
64) Tetrachloroethene	9.34	164	1001242	146.843	ug/l	98
65) Chlorobenzene	10.14	112	2672634	146.711	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	972122	171.039	ug/l	100
67) Ethyl Benzene	10.25	91	4413963	148.280	ug/l	100
68) m/p-Xylenes	10.36	106	3536869	301.106	ug/l	98
69) o-Xylene	10.70	106	1723807	148.615	ug/l	100
70) Styrene	10.71	104	2809229	153.086	ug/l	100
71) Bromoform	10.86	173	845718	195.450	ug/l	99
73) Isopropylbenzene	11.02	105	4518293	140.537	ug/l	100
74) N-amyl acetate	10.90	43	1884095	163.721	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	1446167	151.248	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	1667629	200.315	ug/l	93
77) Bromobenzene	11.26	156	1239722	142.629	ug/l	99
78) n-propylbenzene	11.36	91	5089233	143.748	ug/l	100
79) 2-Chlorotoluene	11.42	91	2989022	139.315	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3827473	144.536	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	466178	191.193	ug/l	94
82) 4-Chlorotoluene	11.51	91	3548977	144.206	ug/l	100
83) tert-Butylbenzene	11.77	119	3966353	149.655	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	3897041	139.912	ug/l	99
85) sec-Butylbenzene	11.94	105	4669143	143.690	ug/l	99
86) p-Isopropyltoluene	12.07	119	4259018	149.104	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	2303302	147.034	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	2329224	144.871	ug/l	100
89) n-Butylbenzene	12.39	91	3806730	156.595	ug/l	100
90) Hexachloroethane	12.60	117	712245	183.047	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	2275564	145.213	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	329143	166.367	ug/l	97

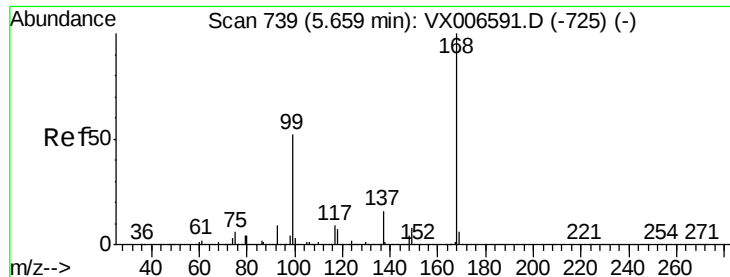
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121818\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1706642	157.884	ug/l	100
94) Hexachlorobutadiene	13.78	225	773076	151.733	ug/l	99
95) Naphthalene	13.83	128	5152971	149.362	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1686169	151.082	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

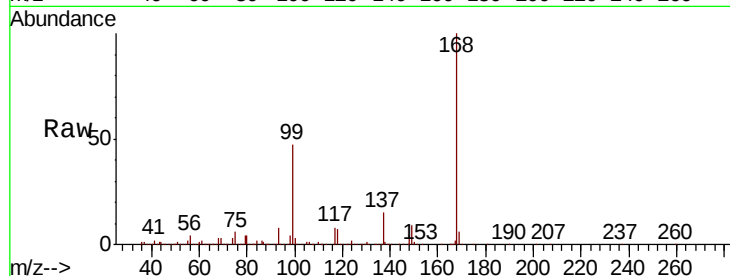
VSTDIC150

Tgt Ion:168 Resp: 652279

Ion Ratio Lower Upper

168 100

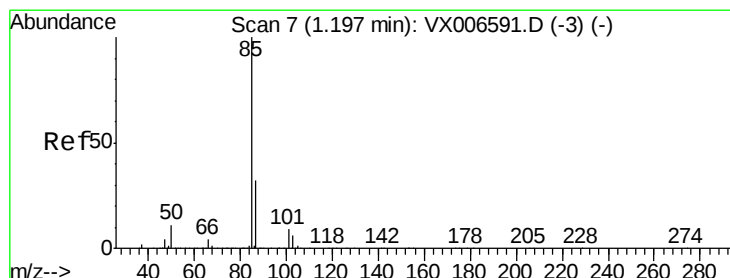
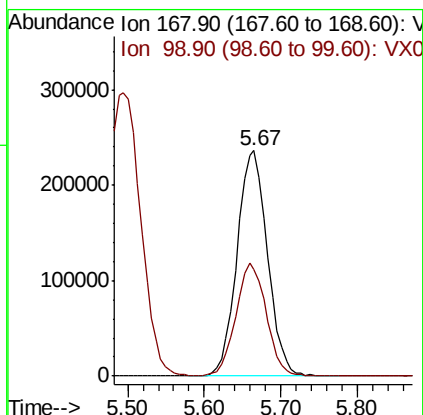
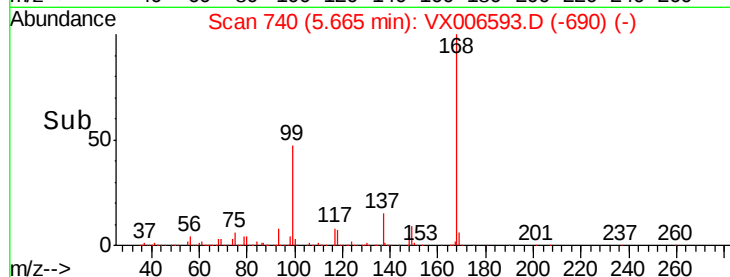
99 47.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006593.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX006593.D (-690) (-)

Time-->



#2

Dichlorodifluoromethane

Concen: 138.996 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006593.D

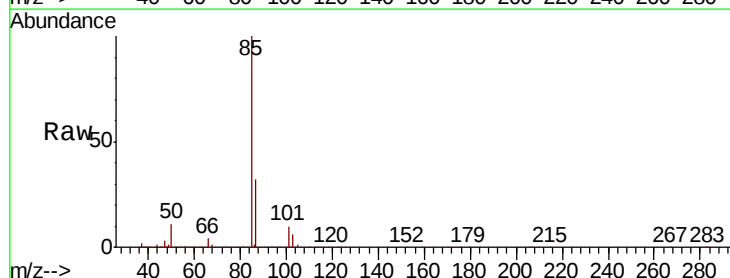
Acq: 18 Dec 2018 12:57

Tgt Ion: 85 Resp: 829415

Ion Ratio Lower Upper

85 100

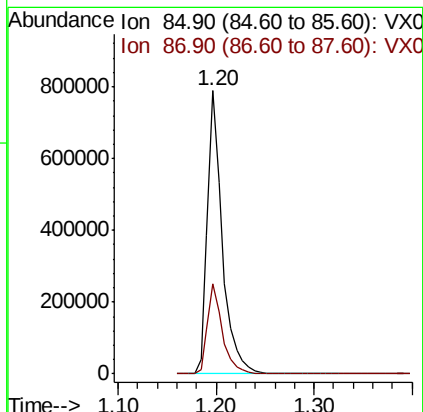
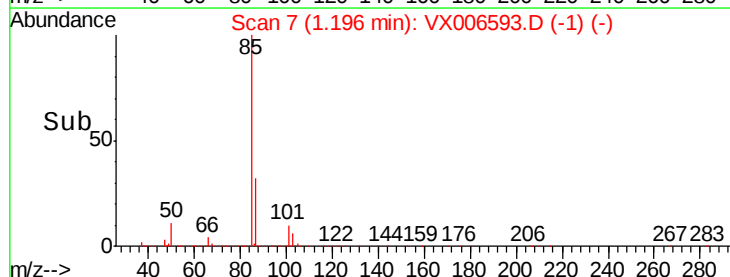
87 32.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX006593.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX006593.D (-1) (-)

Time-->





#3

Chloromethane

Concen: 133.822 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

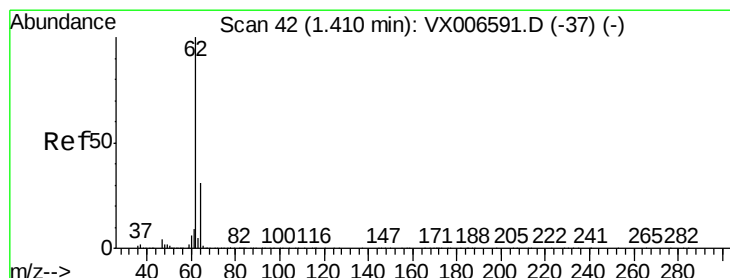
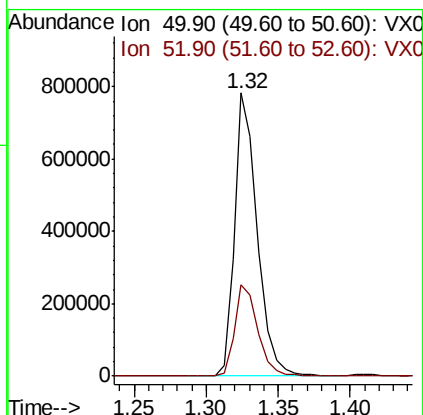
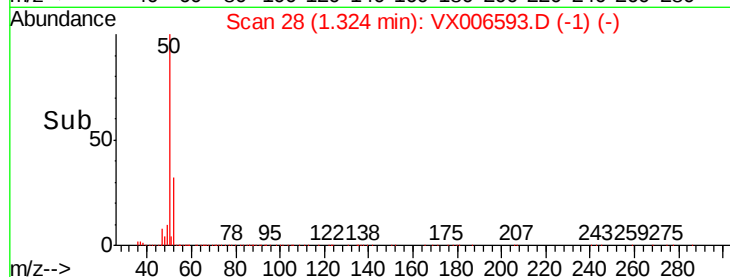
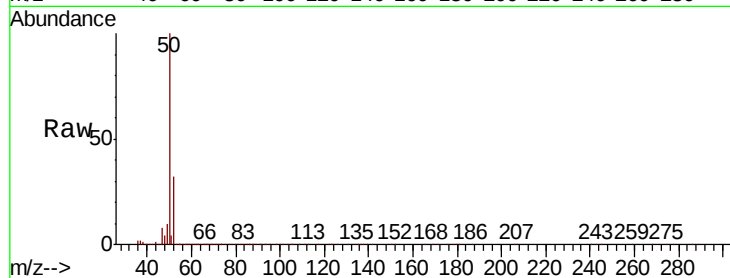
VSTDIC150

Tgt Ion: 50 Resp: 860313

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2



#4

Vinyl Chloride

Concen: 138.267 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006593.D

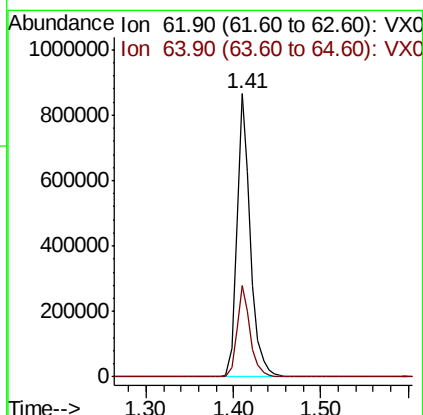
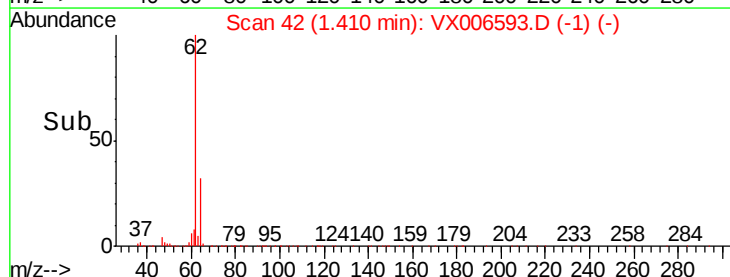
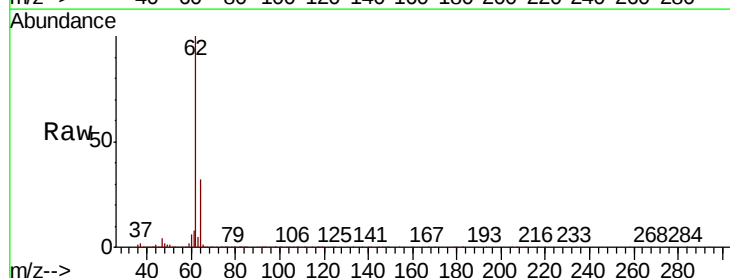
Acq: 18 Dec 2018 12:57

Tgt Ion: 62 Resp: 928362

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 124.358 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

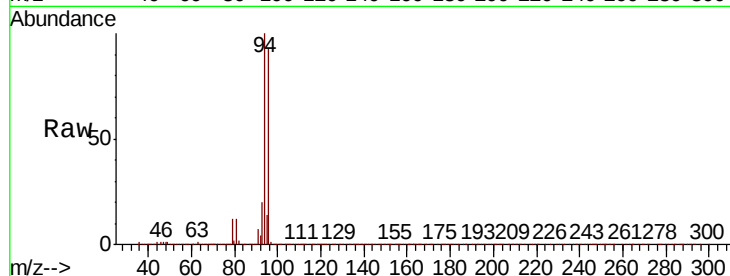
VSTDIC150

Tgt Ion: 94 Resp: 907863

Ion Ratio Lower Upper

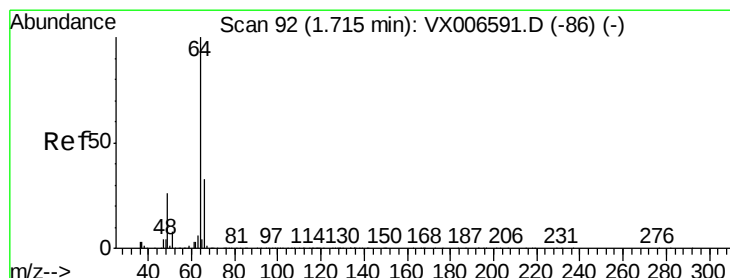
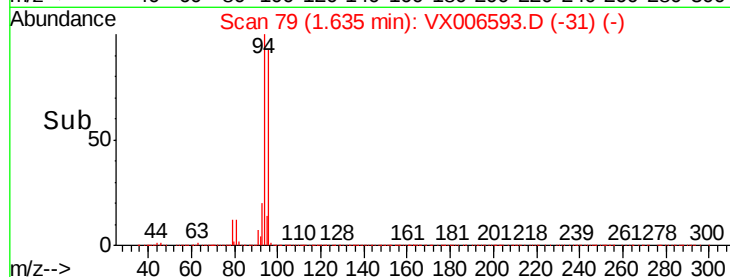
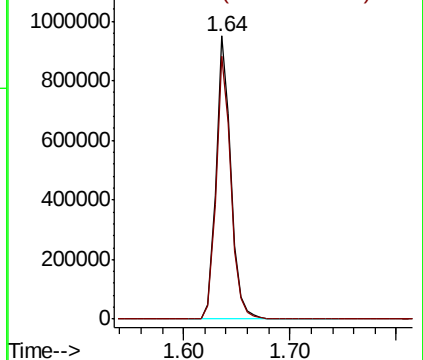
94 100

96 93.0 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 163.368 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006593.D

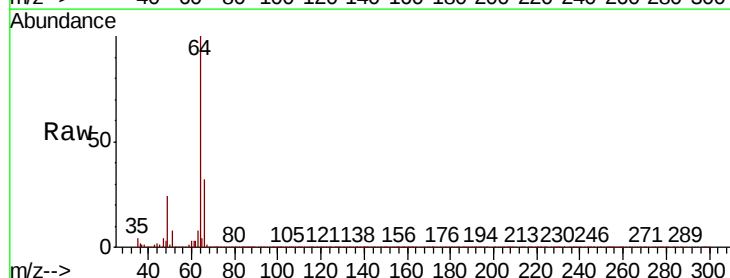
Acq: 18 Dec 2018 12:57

Tgt Ion: 64 Resp: 759504

Ion Ratio Lower Upper

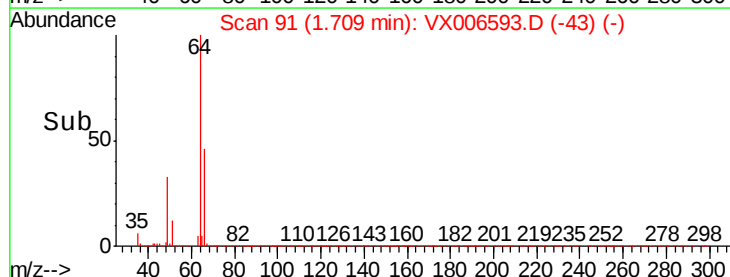
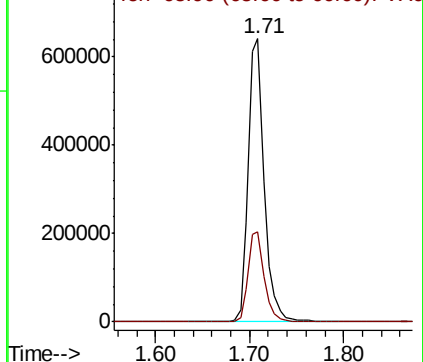
64 100

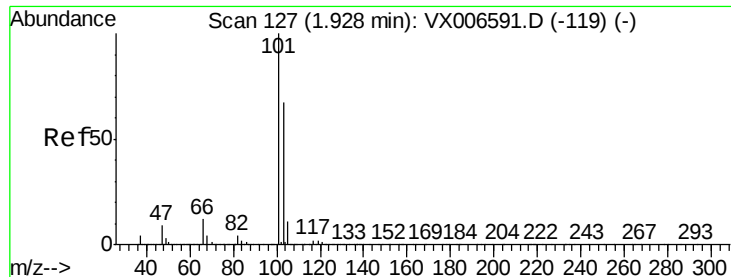
66 31.8 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



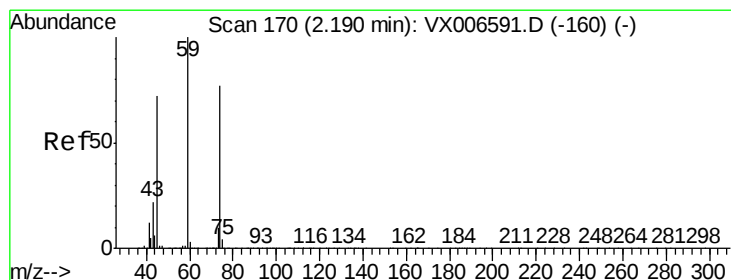
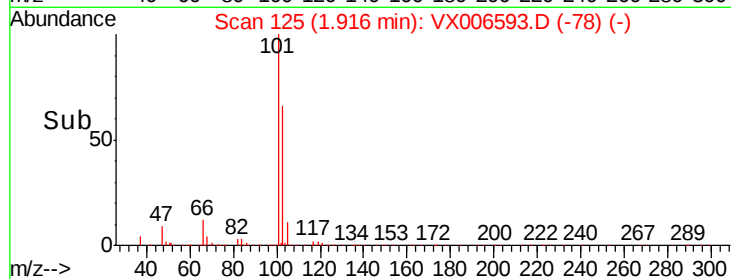
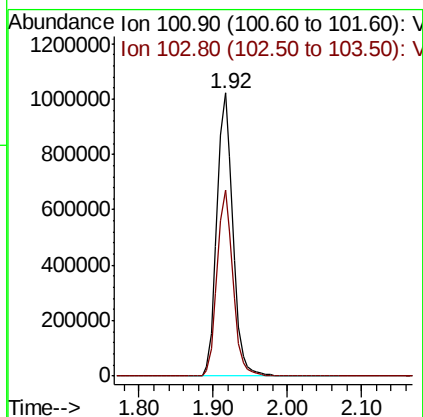
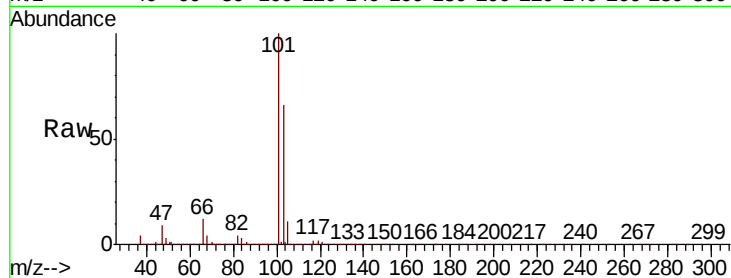


#7

Trichlorofluoromethane
 Concen: 143.980 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

Instrument :
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 ClientSampleId :
 VSTDIC150

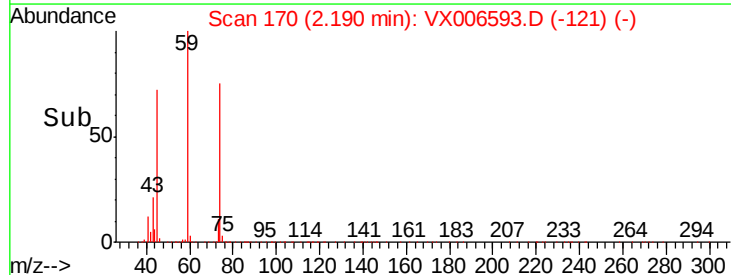
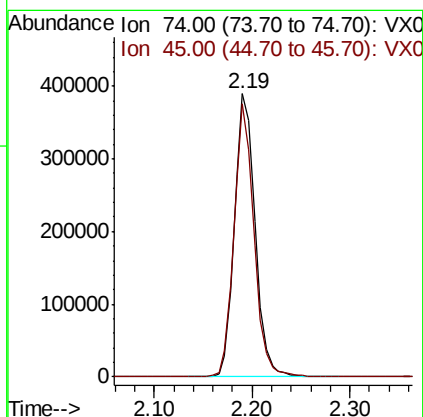
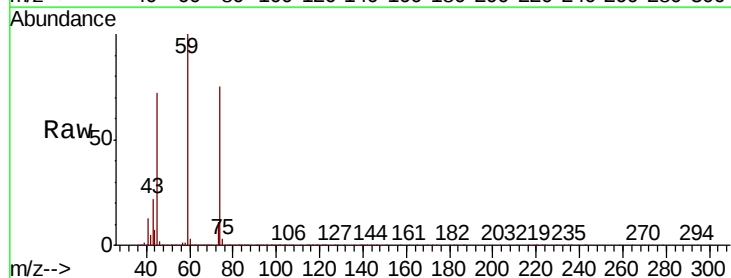
Tgt Ion:101 Resp: 1507199
 Ion Ratio Lower Upper
 101 100
 103 65.8 53.2 79.8

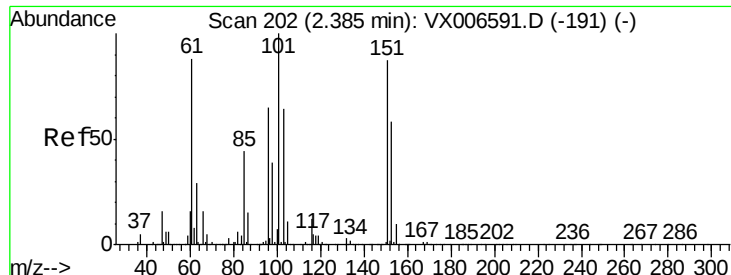


#8

Diethyl Ether
 Concen: 137.123 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

Tgt Ion: 74 Resp: 570127
 Ion Ratio Lower Upper
 74 100
 45 93.5 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 141.566 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

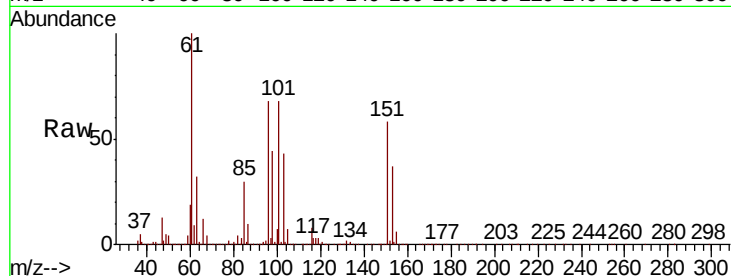
Tgt Ion:101 Resp: 870111

Ion Ratio Lower Upper

101 100

85 43.7 35.1 52.7

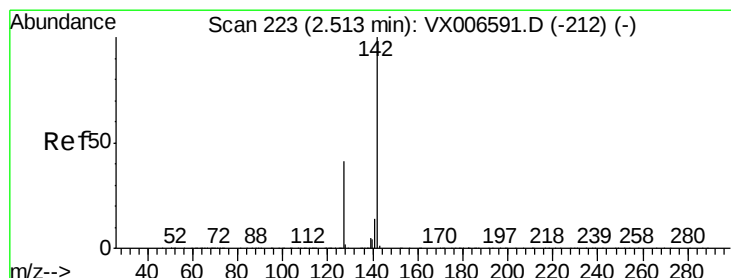
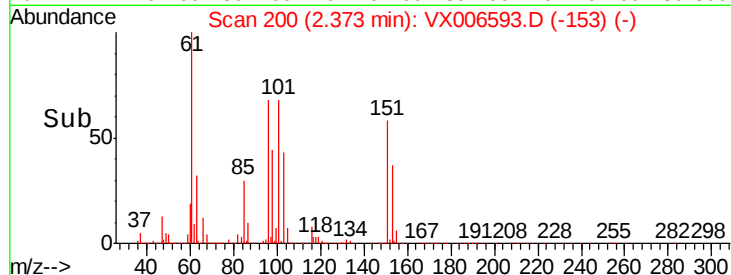
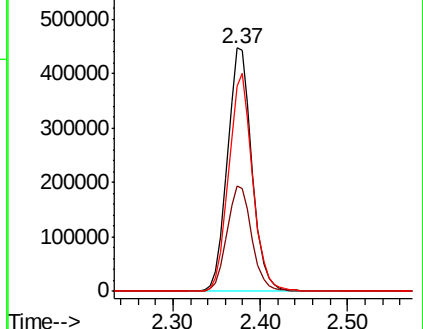
151 87.4 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 154.157 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

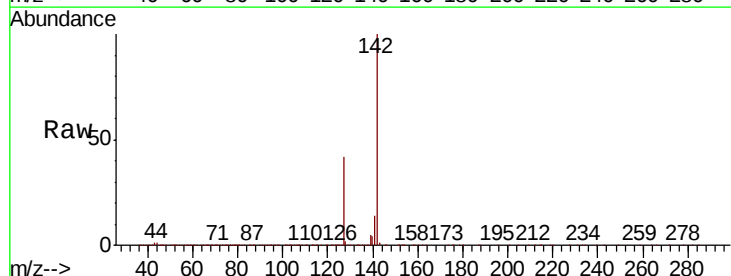
Tgt Ion:142 Resp: 1356308

Ion Ratio Lower Upper

142 100

127 41.7 33.9 50.9

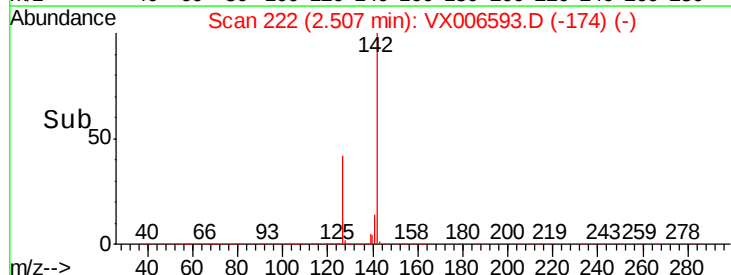
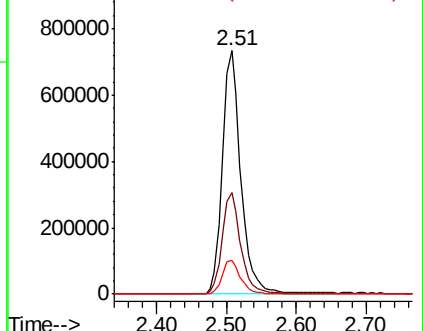
141 13.9 11.4 17.0

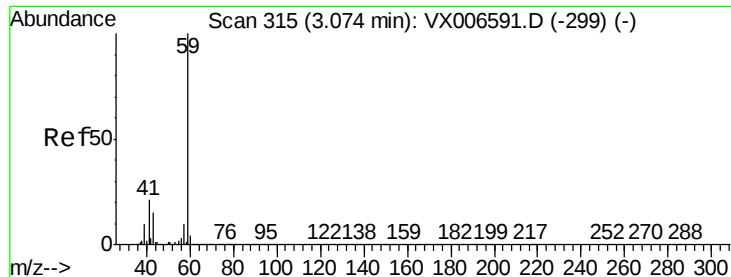


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

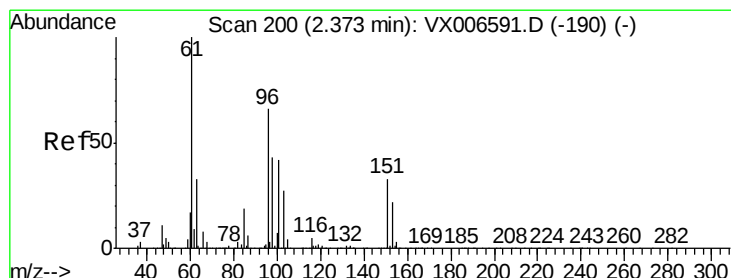
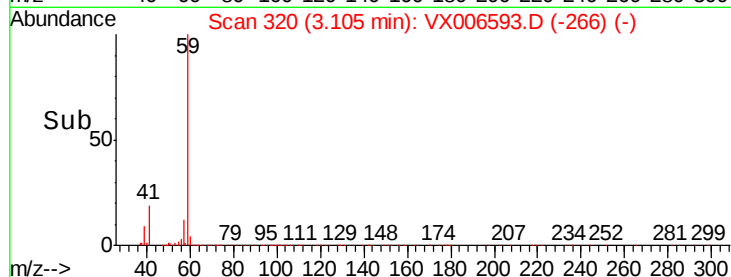
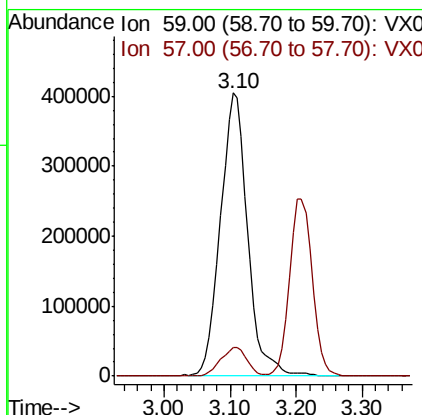
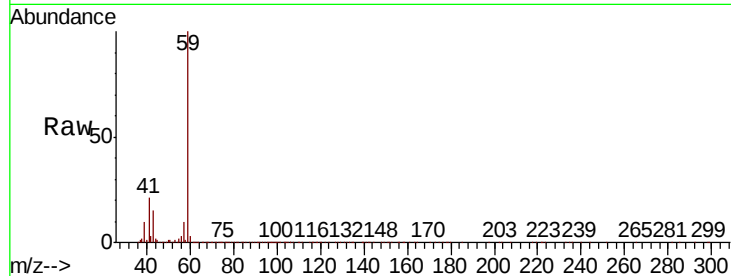




#11
Tert butyl alcohol
Concen: 732.971 ug/l
RT: 3.10 min Scan# 320
Delta R.T. 0.03 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

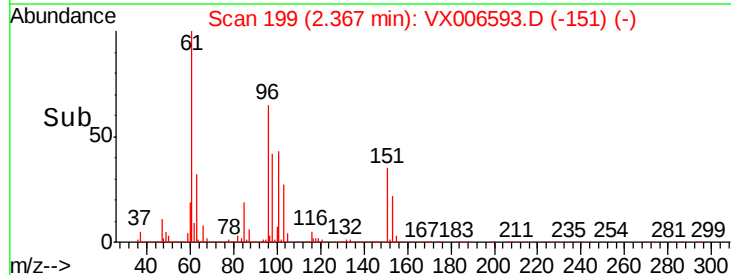
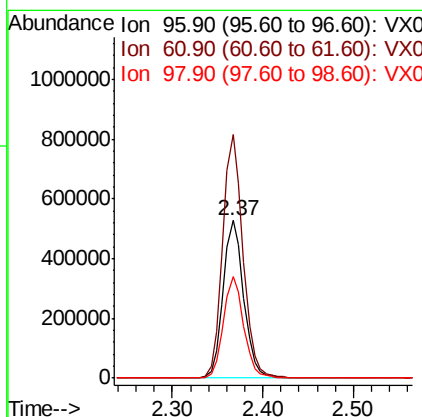
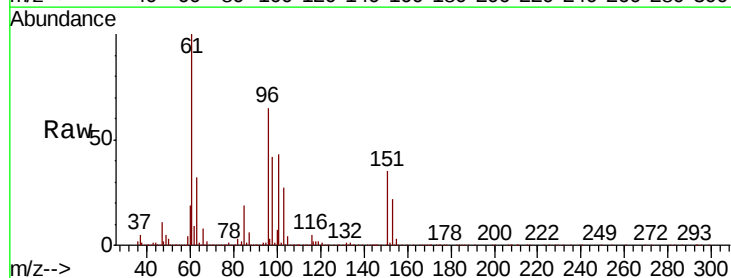
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

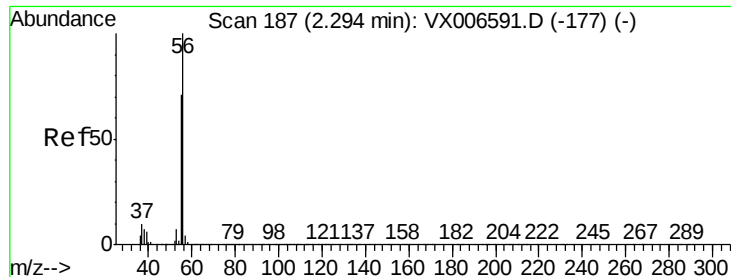
Tgt Ion: 59 Resp: 1149958
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7



#12
1,1-Dichloroethene
Concen: 143.088 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Tgt Ion: 96 Resp: 833907
Ion Ratio Lower Upper
96 100
61 154.6 121.4 182.2
98 64.7 51.9 77.9





#13

Acrolein

Concen: 740.244 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

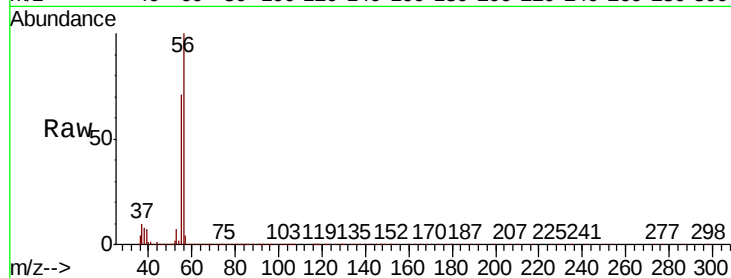
VSTDIC150

Tgt Ion: 56 Resp: 783467

Ion Ratio Lower Upper

56 100

55 70.1 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

500000

400000

300000

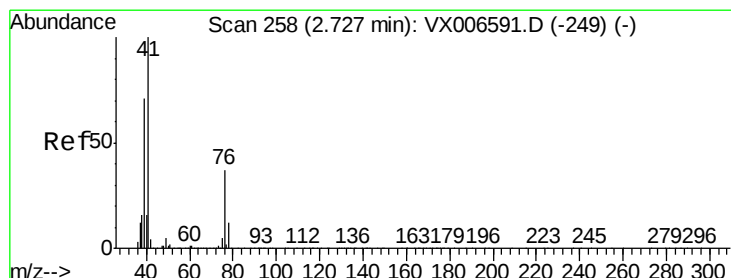
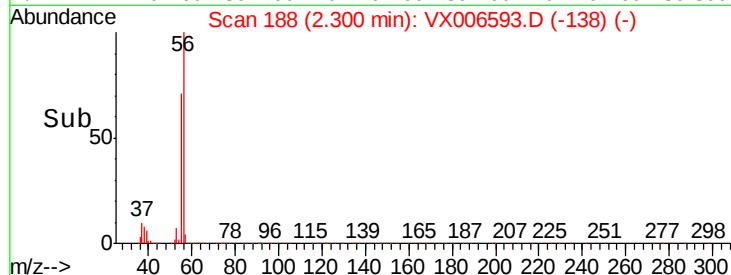
200000

100000

0

Time-->

2.20 2.30 2.40 2.50



#14

Allyl chloride

Concen: 148.509 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

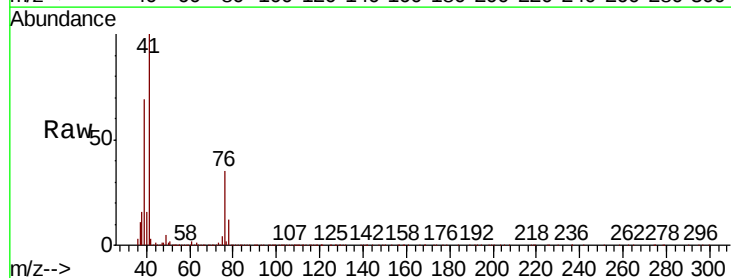
Tgt Ion: 41 Resp: 1456840

Ion Ratio Lower Upper

41 100

39 67.2 53.6 80.4

76 34.5 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

1000000

800000

600000

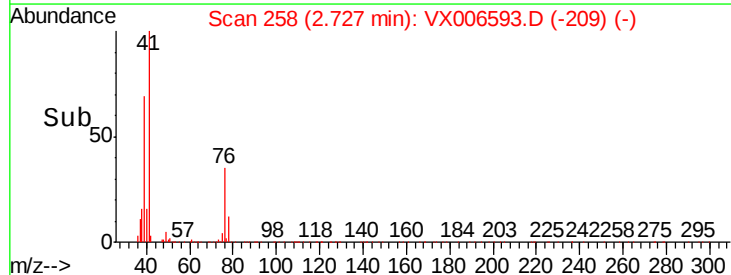
400000

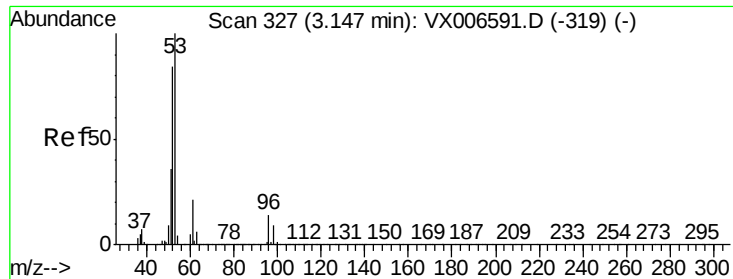
200000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 729.501 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

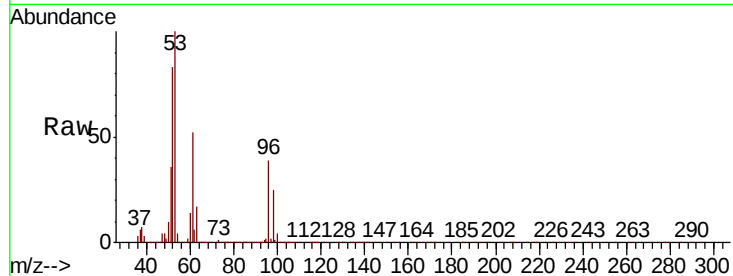
Tgt Ion: 53 Resp: 2541179

Ion Ratio Lower Upper

53 100

52 82.4 66.0 99.0

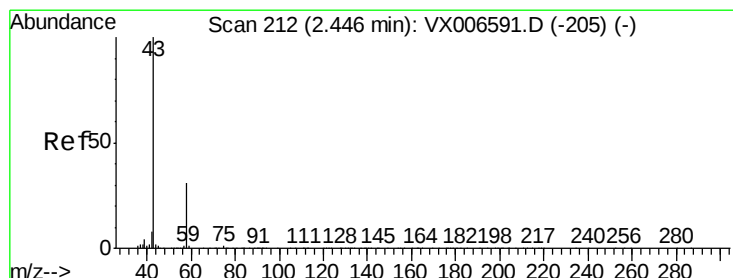
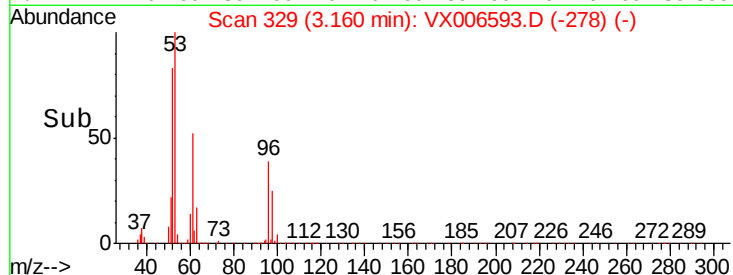
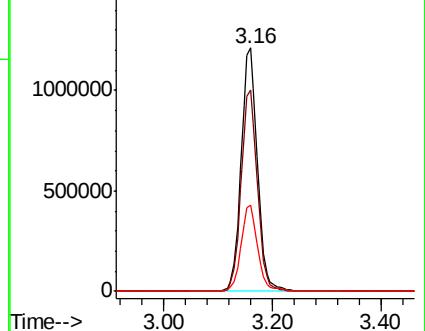
51 36.3 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 659.052 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX006593.D

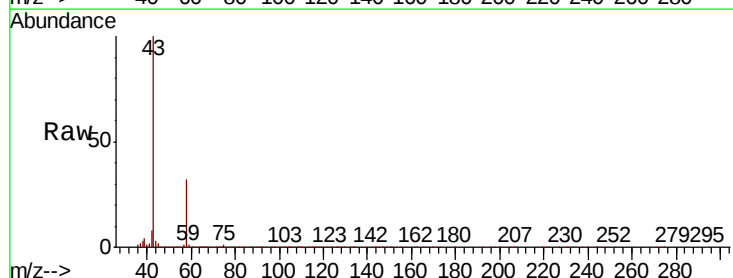
Acq: 18 Dec 2018 12:57

Tgt Ion: 43 Resp: 2128604

Ion Ratio Lower Upper

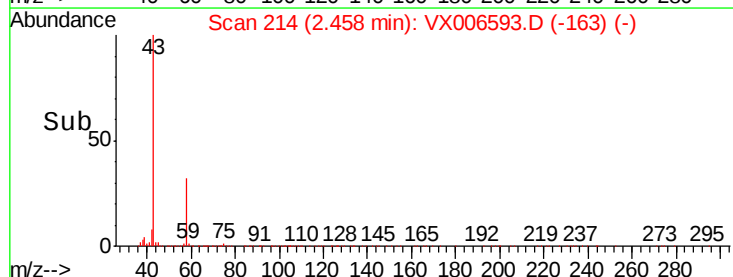
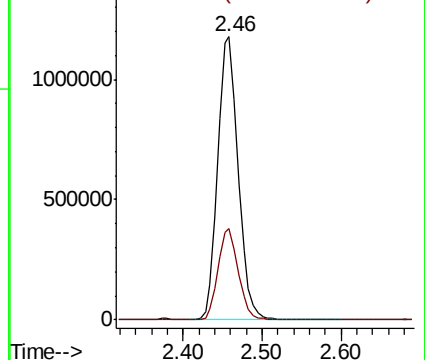
43 100

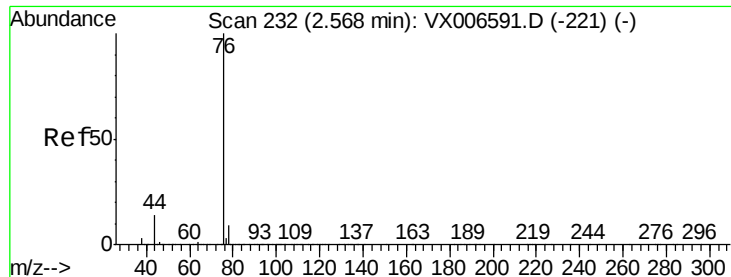
58 32.5 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

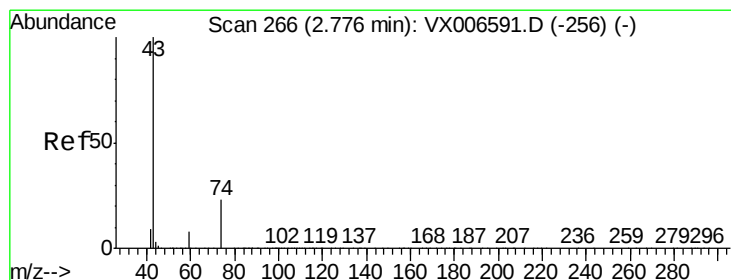
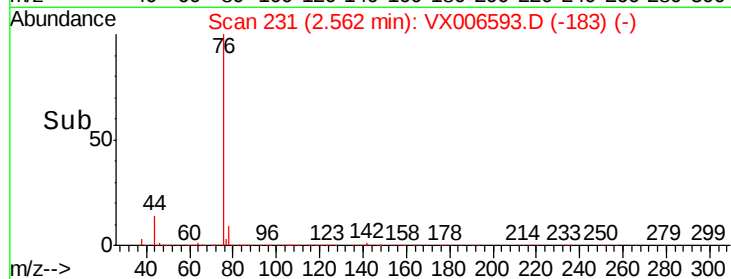
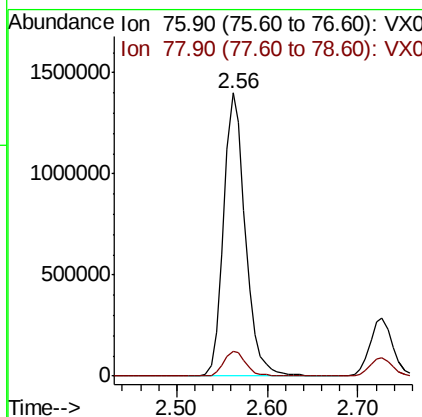
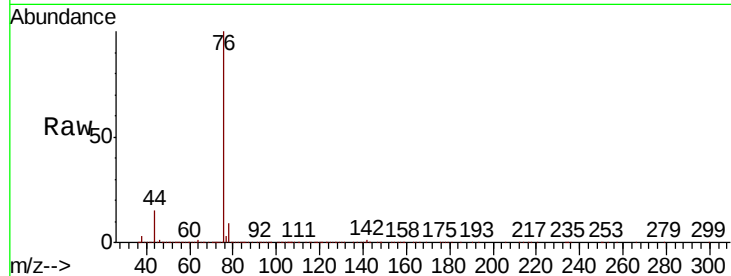




#17
Carbon Disulfide
Concen: 151.625 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

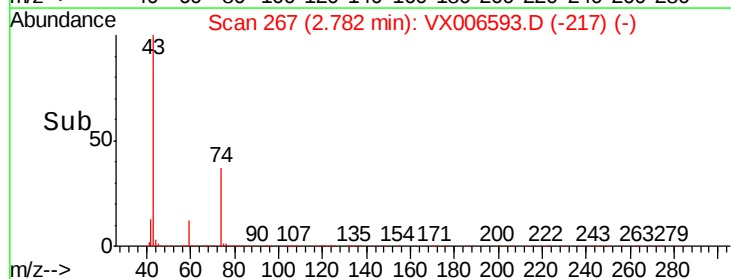
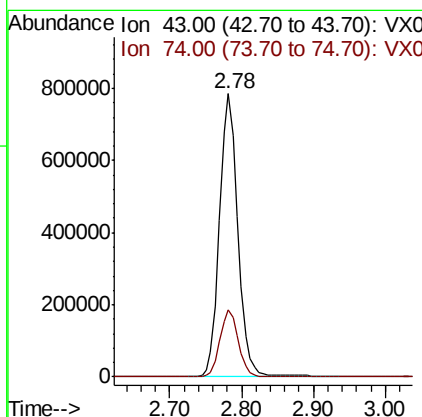
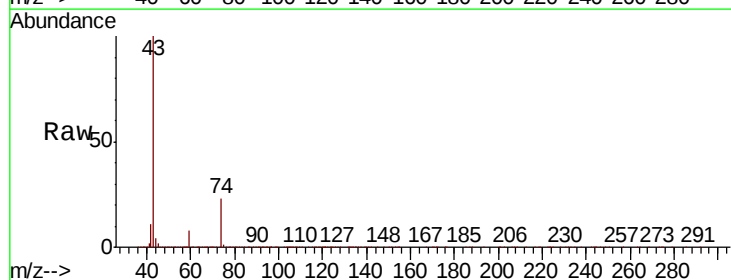
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

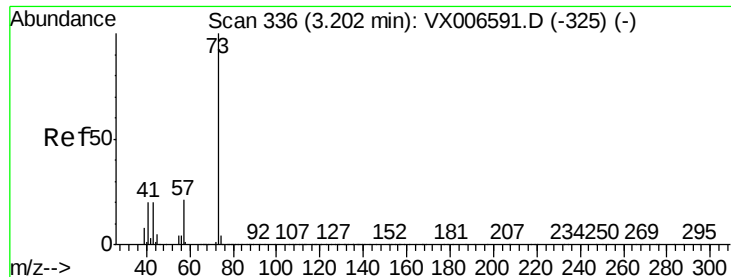
Tgt Ion: 76 Resp: 2338498
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 146.783 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Tgt Ion: 43 Resp: 1394013
Ion Ratio Lower Upper
43 100
74 23.5 18.6 28.0



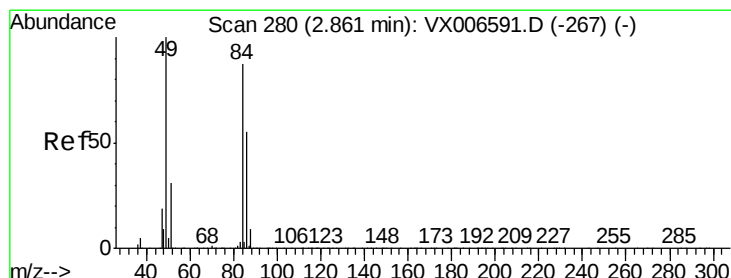
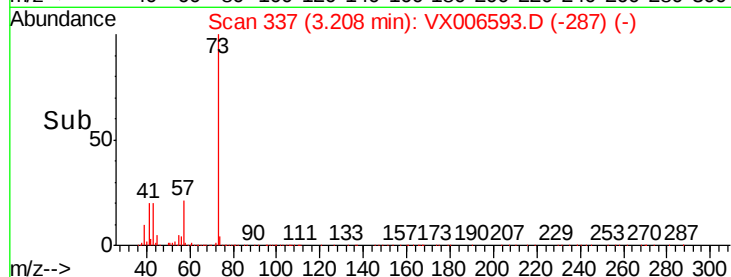
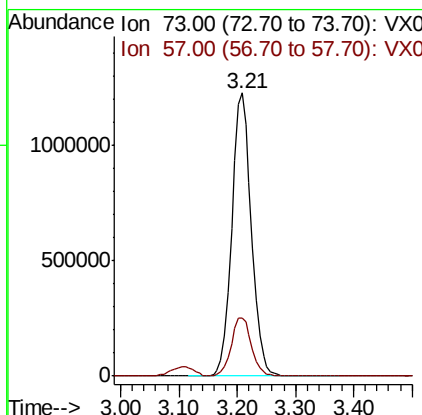
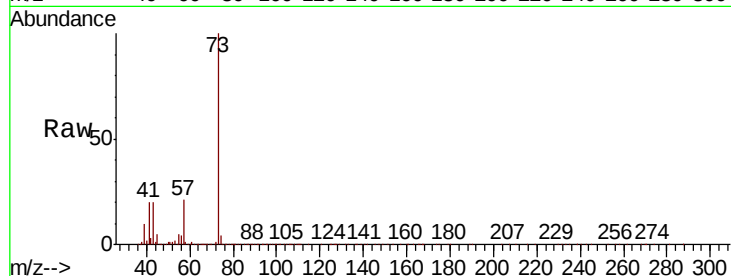


#19

Methyl tert-butyl Ether
 Concen: 147.240 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

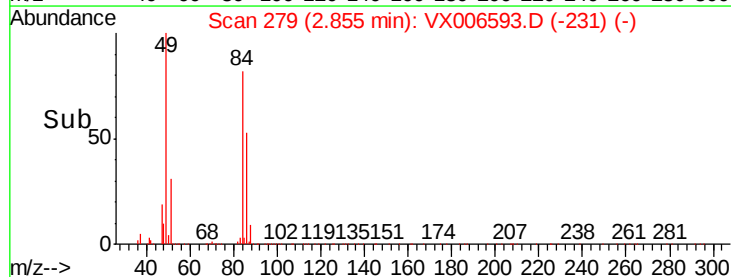
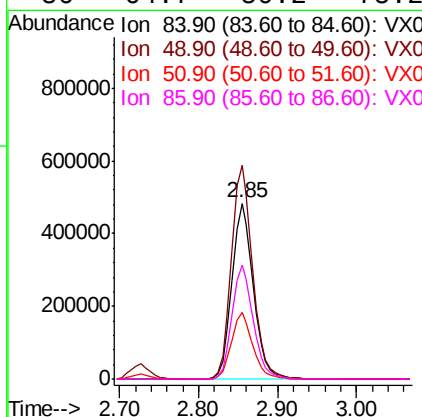
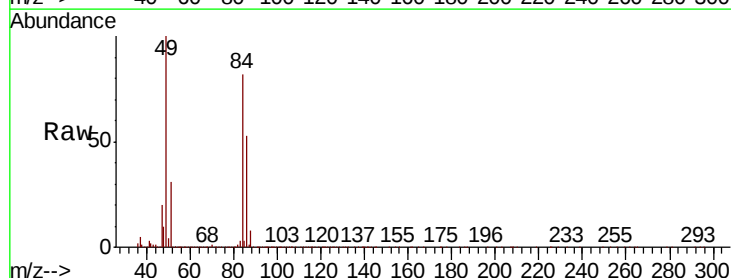
Tgt Ion: 73 Resp: 2848050
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.8 25.2



#20

Methylene Chloride
 Concen: 136.279 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

Tgt Ion: 84 Resp: 910158
 Ion Ratio Lower Upper
 84 100
 49 121.6 91.8 137.6
 51 37.5 28.5 42.7
 86 64.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 139.028 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

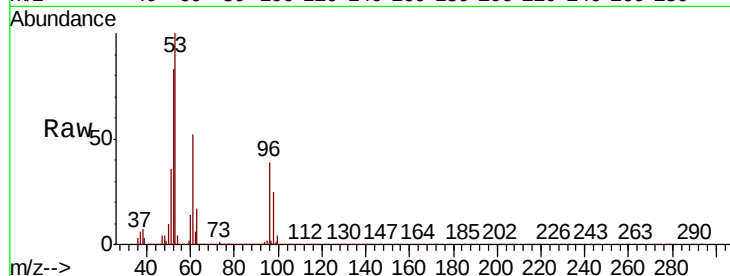
Tgt Ion: 96 Resp: 897750

Ion Ratio Lower Upper

96 100

61 134.3 103.7 155.5

98 64.6 51.0 76.6



Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

800000

600000

400000

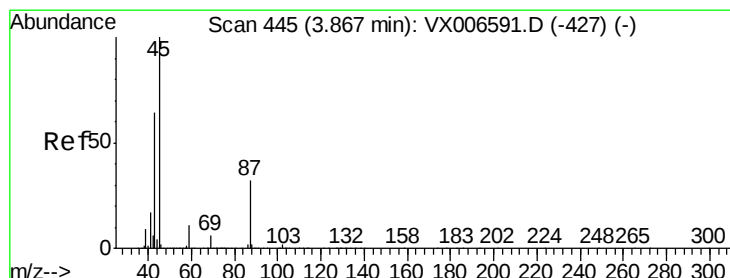
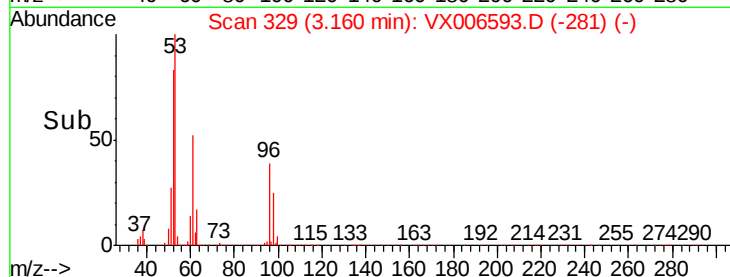
200000

0

3.16

3.00 3.10 3.20 3.30

Time-->



#22

Diisopropyl ether

Concen: 145.607 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Tgt Ion: 45 Resp: 2613119

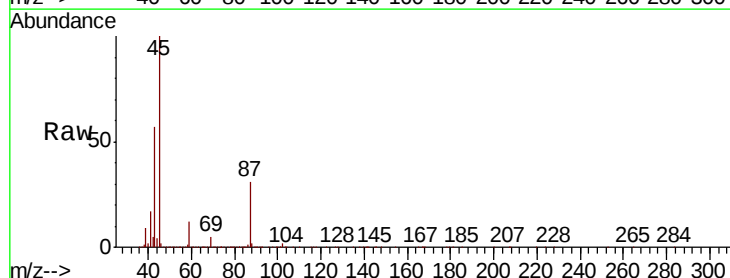
Ion Ratio Lower Upper

45 100

43 57.0 51.2 76.8

87 31.2 25.8 38.6

59 11.6 9.0 13.4



Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

6000000

5000000

4000000

3000000

2000000

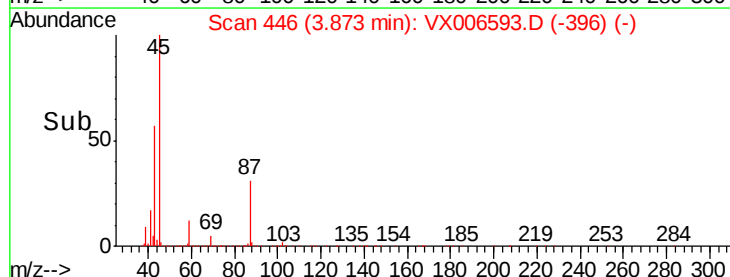
1000000

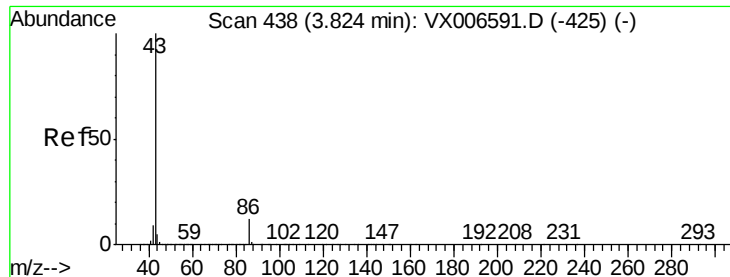
0

3.87

3.70 3.80 3.90 4.00

Time-->





#23

Vinyl Acetate

Concen: 738.693 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

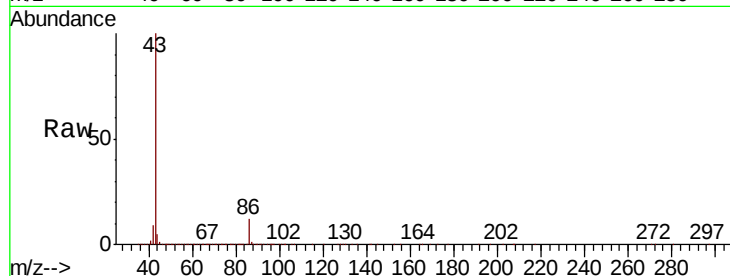
VSTDIC150

Tgt Ion: 43 Resp:10843708

Ion Ratio Lower Upper

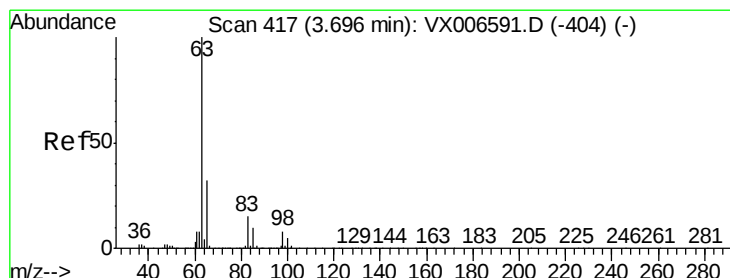
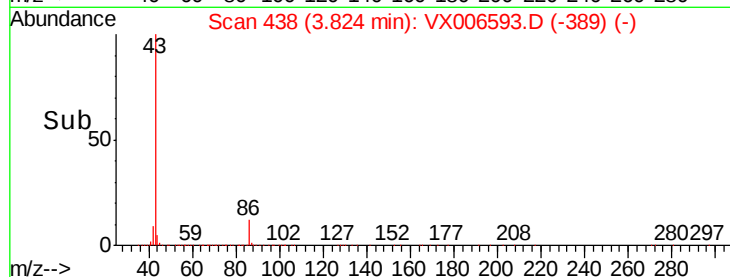
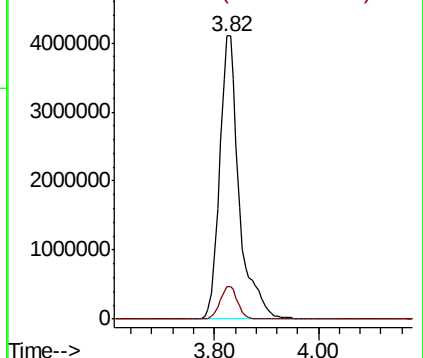
43 100

86 11.7 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 138.290 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

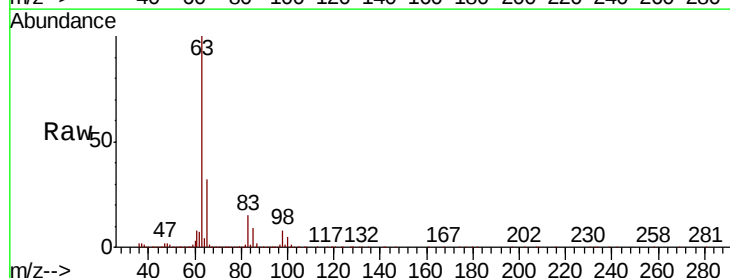
Tgt Ion: 63 Resp: 1481529

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

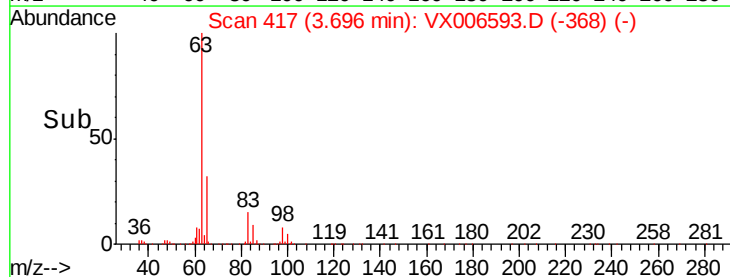
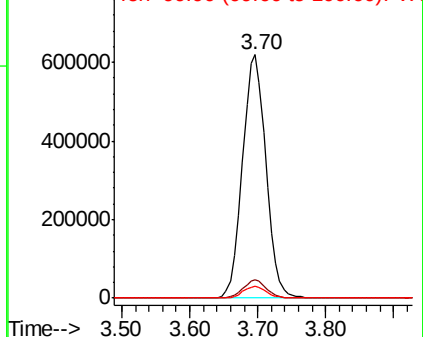
100 4.8 2.4 7.2

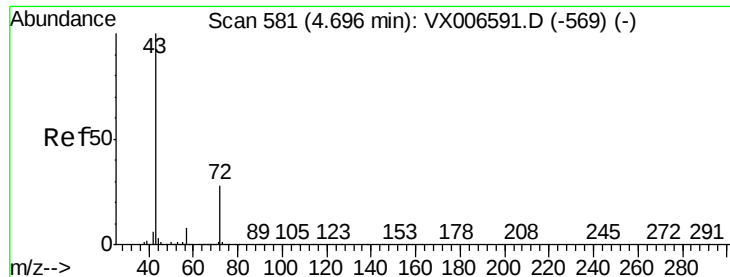


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 681.689 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

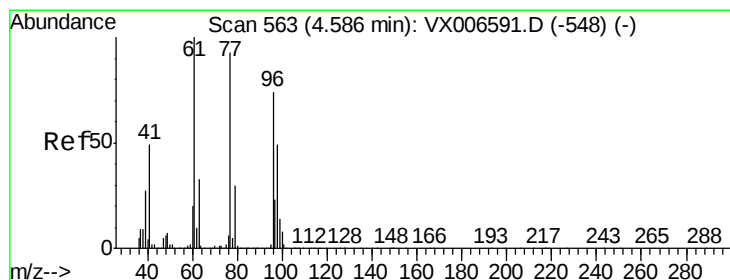
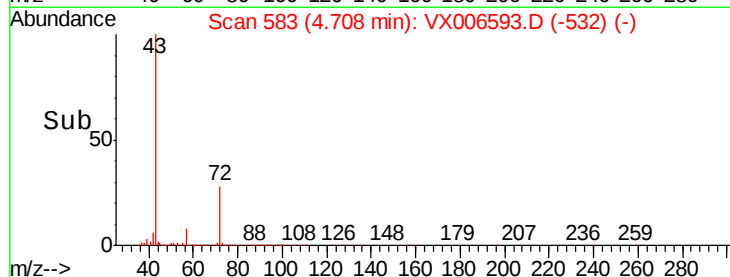
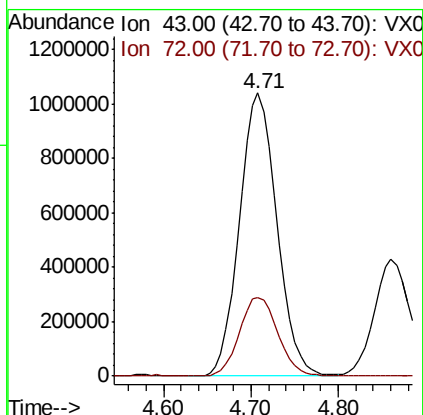
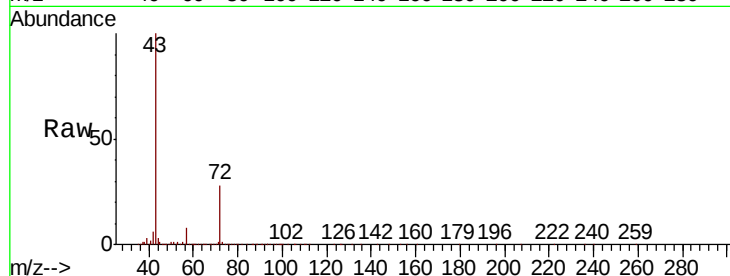
VSTDIC150

Tgt Ion: 43 Resp: 3096987

Ion Ratio Lower Upper

43 100

72 27.8 22.4 33.6



#26

2,2-Dichloropropane

Concen: 149.722 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006593.D

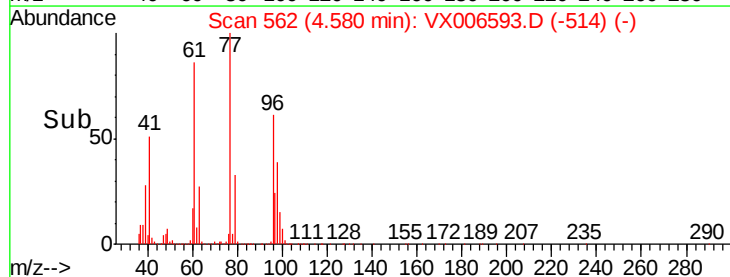
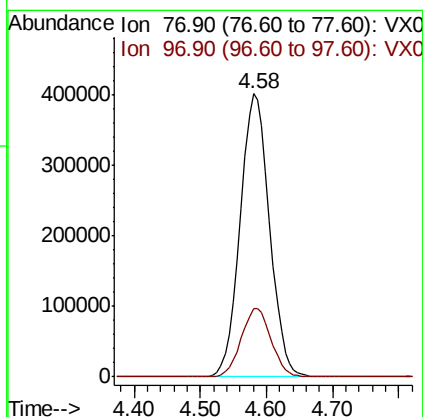
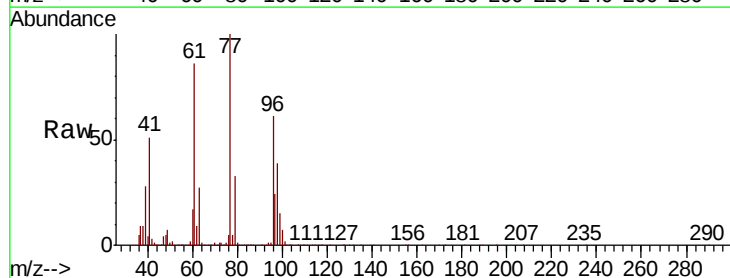
Acq: 18 Dec 2018 12:57

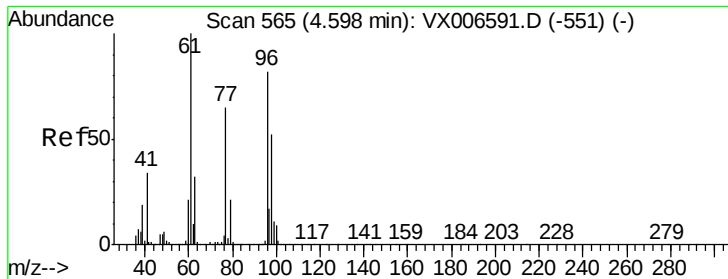
Tgt Ion: 77 Resp: 1239027

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4



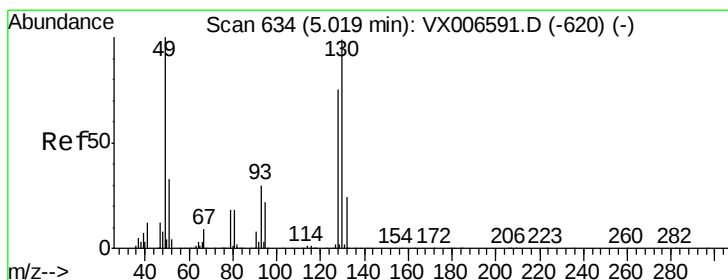
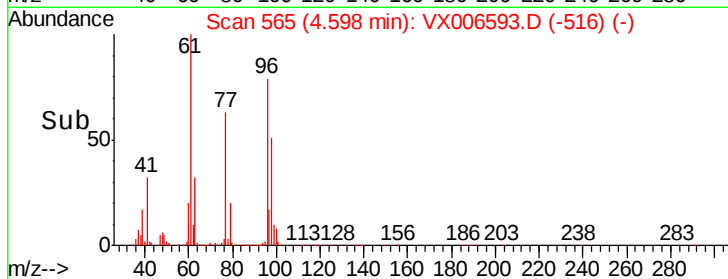
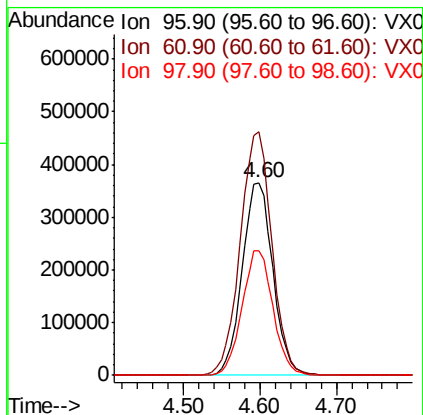
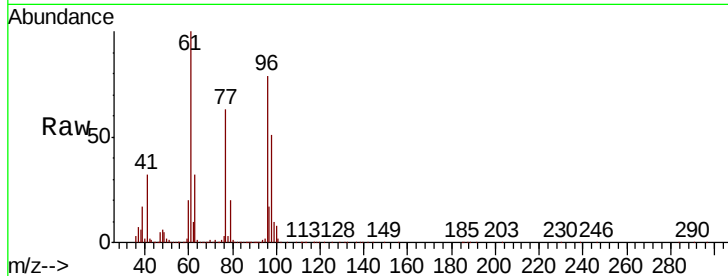


#27

cis-1,2-Dichloroethene
Concen: 143.180 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

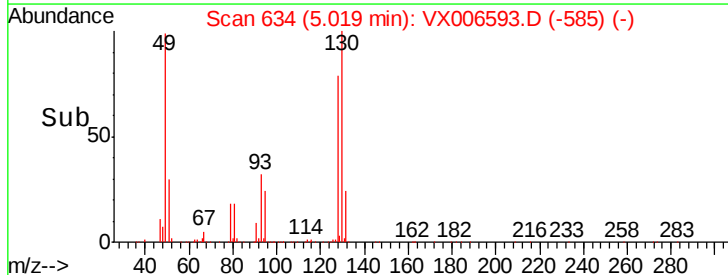
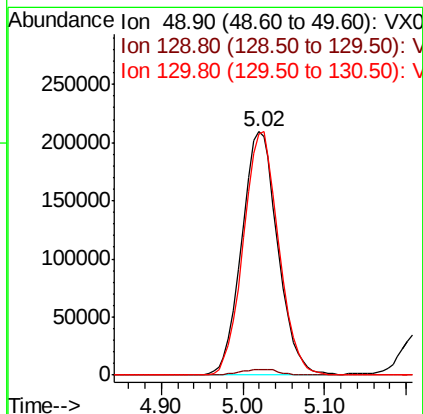
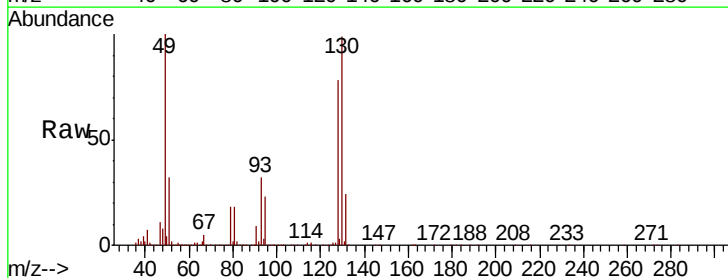
Tgt Ion: 96 Resp: 1020085
Ion Ratio Lower Upper
96 100
61 130.2 0.0 258.6
98 65.0 0.0 132.0

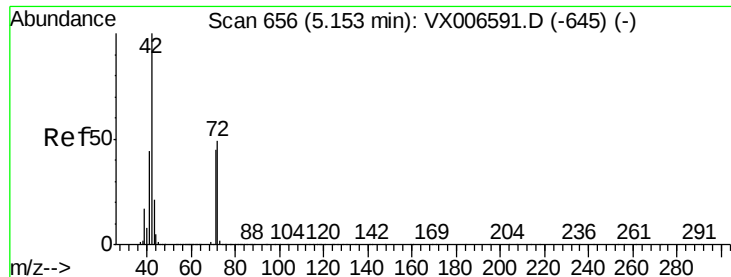


#28

Bromochloromethane
Concen: 130.675 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Tgt Ion: 49 Resp: 643654
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.4
130 98.1 77.7 116.5





#29

Tetrahydrofuran

Concen: 704.549 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

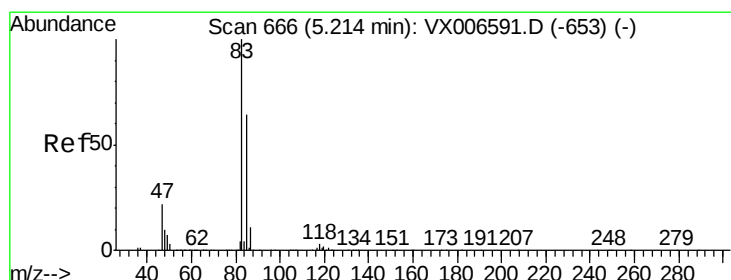
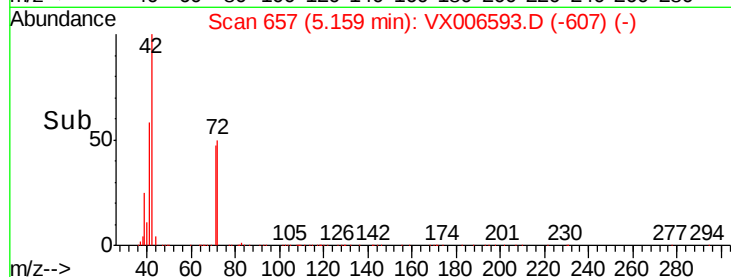
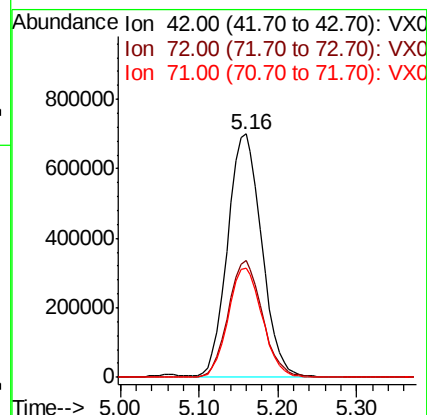
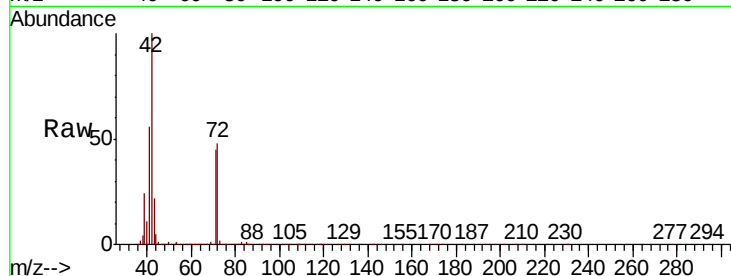
Tgt Ion: 42 Resp: 2108177

Ion Ratio Lower Upper

42 100

72 48.0 38.9 58.3

71 45.1 36.2 54.4



#30

Chloroform

Concen: 143.068 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006593.D

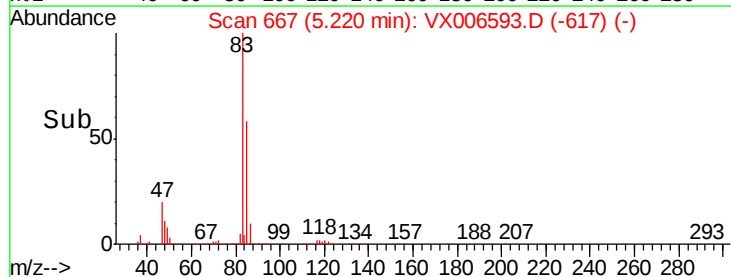
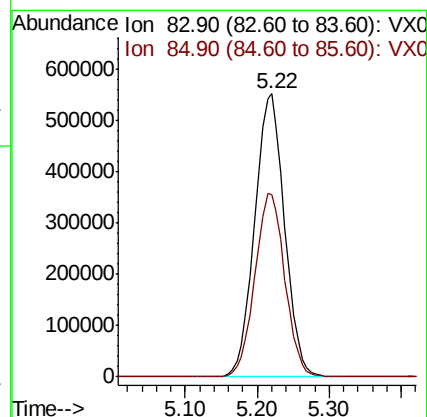
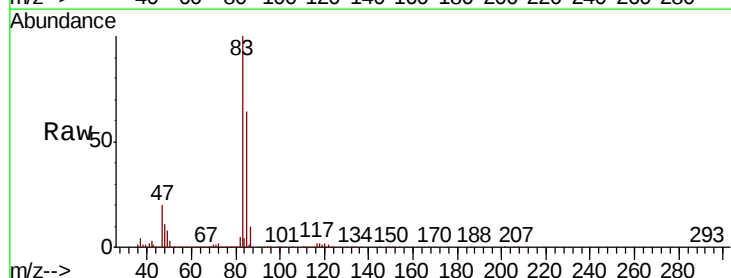
Acq: 18 Dec 2018 12:57

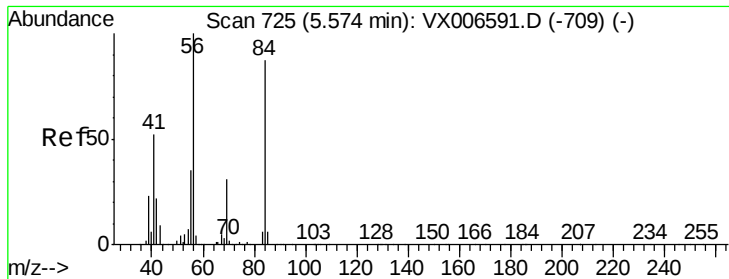
Tgt Ion: 83 Resp: 1587203

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

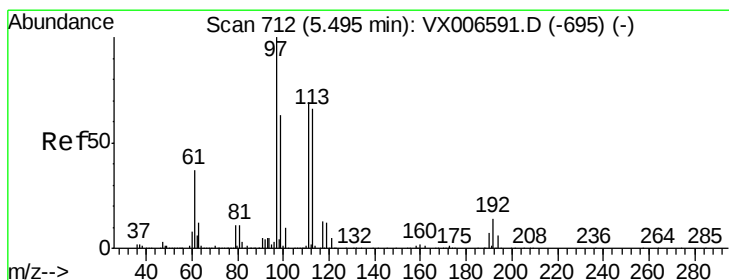
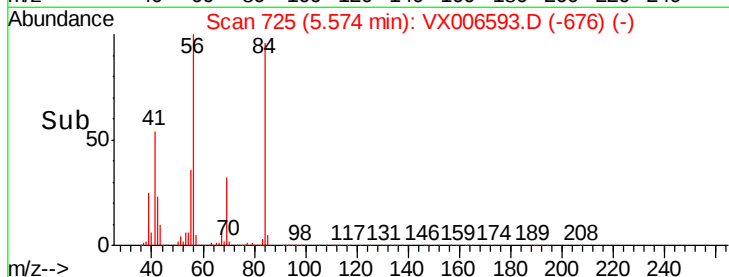
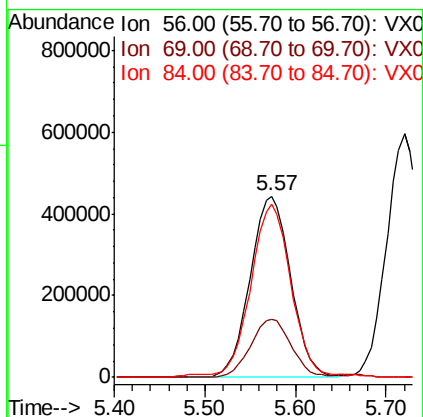
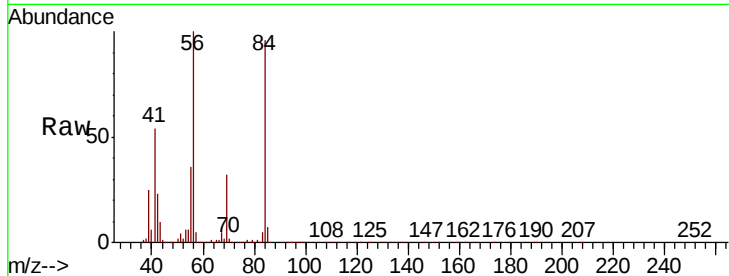




#31
Cyclohexane
Concen: 140.500 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

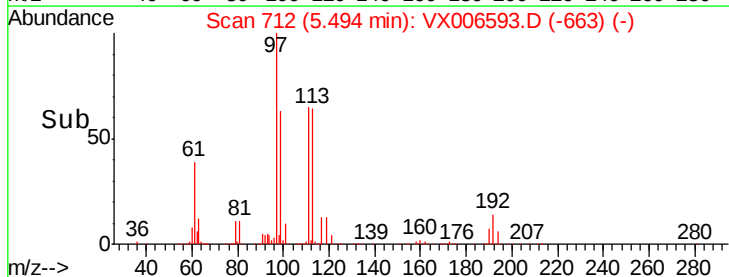
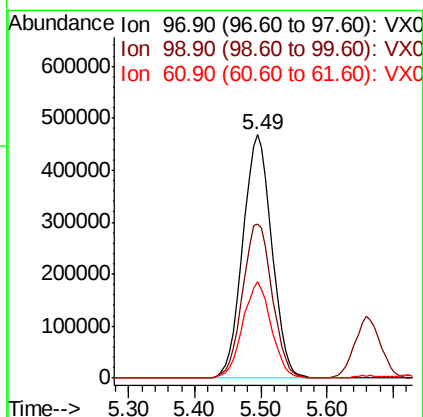
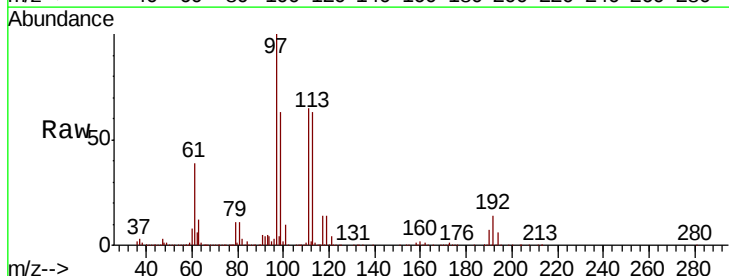
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

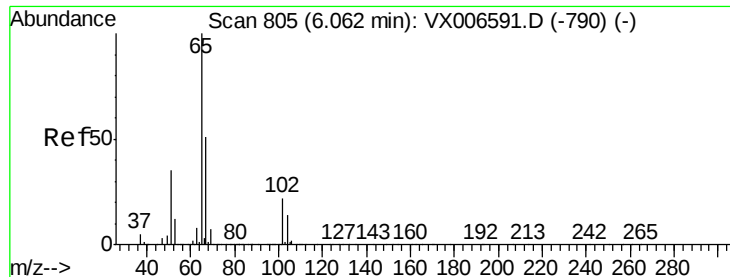
Tgt Ion: 56 Resp: 1367439
Ion Ratio Lower Upper
56 100
69 32.1 24.4 36.6
84 94.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 152.599 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Tgt Ion: 97 Resp: 1429493
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 38.8 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 139.942 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

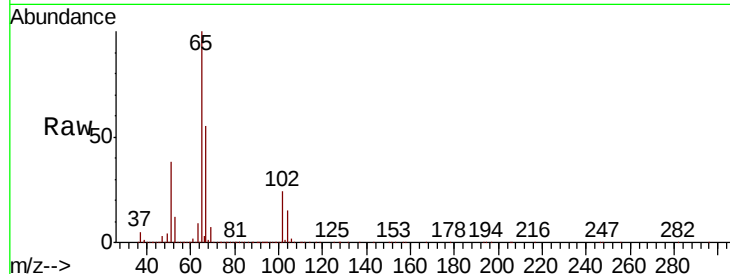
VSTDIC150

Tgt Ion: 65 Resp: 983789

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

400000

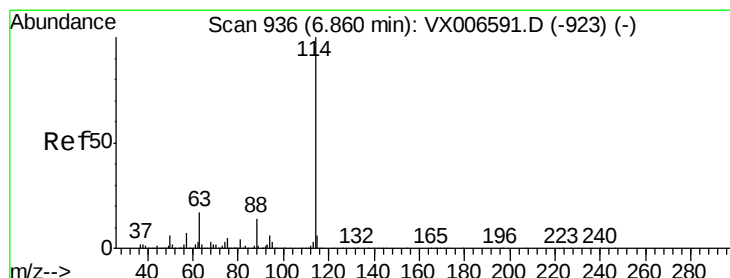
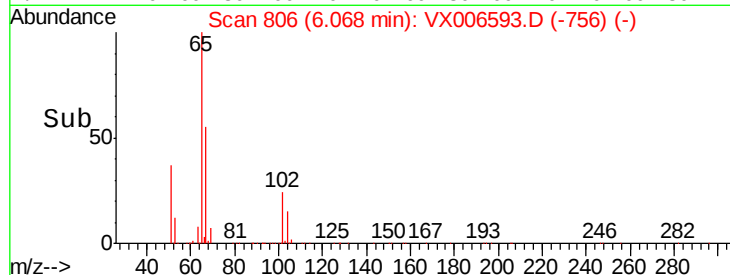
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

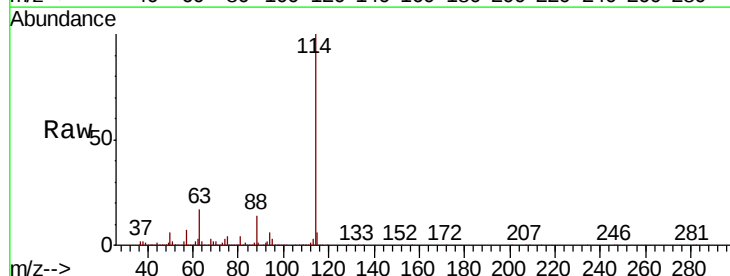
Tgt Ion: 114 Resp: 981048

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.8

88 14.4 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

500000

400000

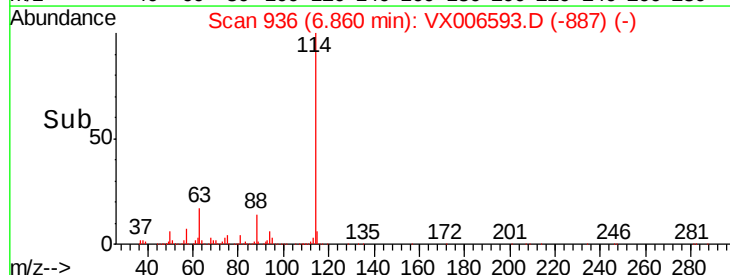
300000

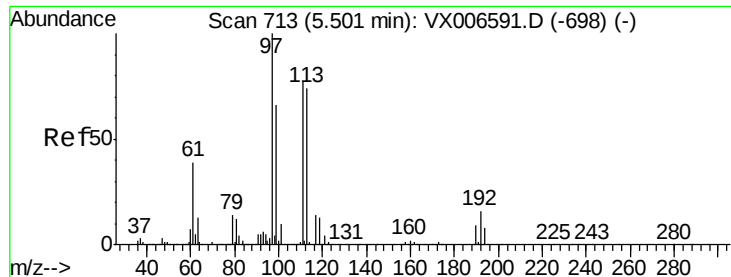
200000

100000

0

Time-->

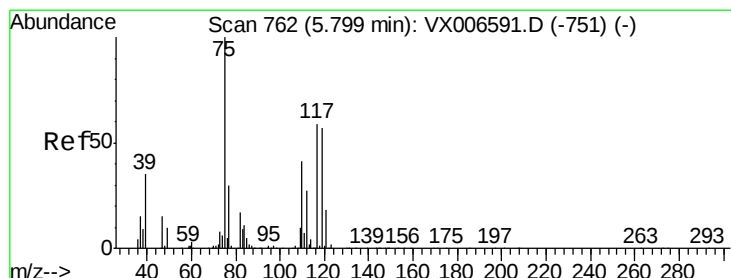
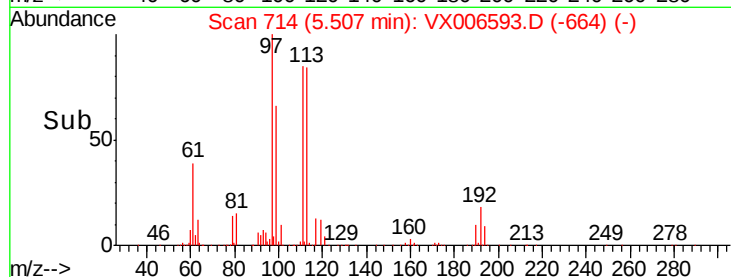
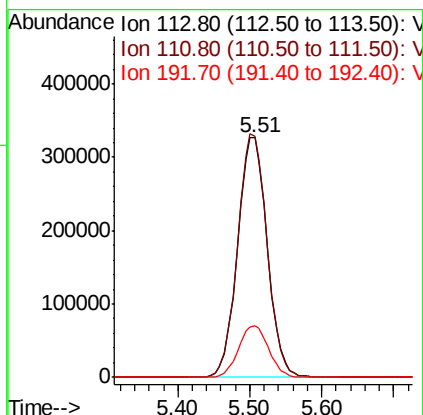
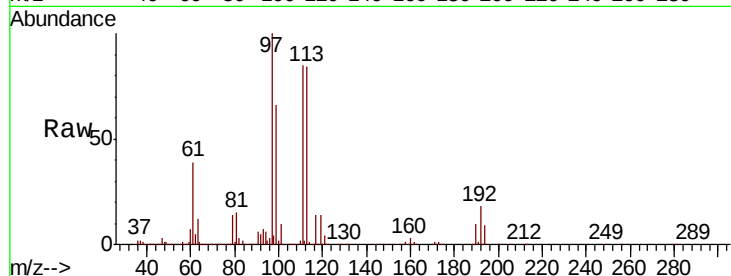




#35
 Dibromofluoromethane
 Concen: 150.003 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

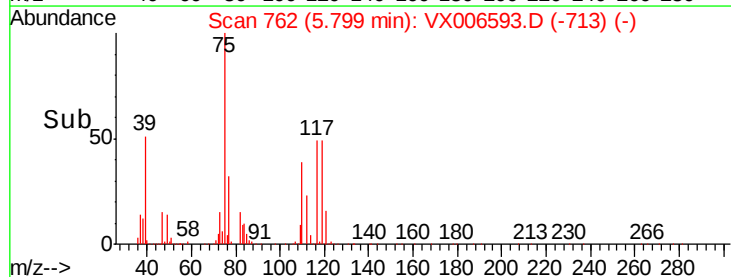
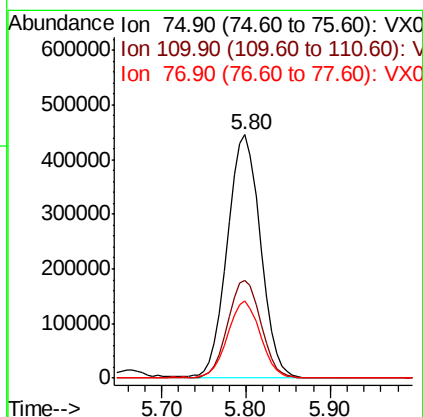
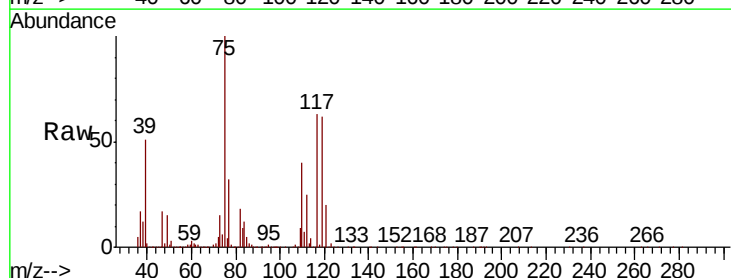
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:113 Resp: 930611
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.6 122.4
 192 21.9 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 146.627 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

Tgt Ion: 75 Resp: 1191395
 Ion Ratio Lower Upper
 75 100
 110 40.3 20.2 60.5
 77 31.2 24.8 37.2

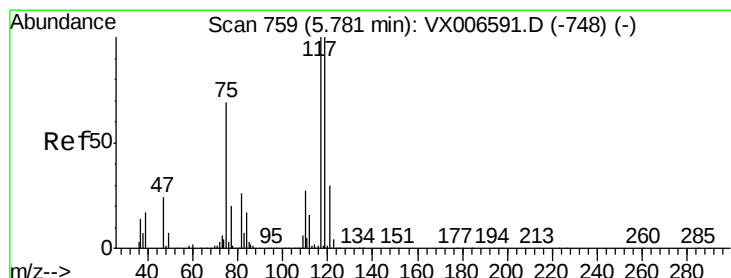
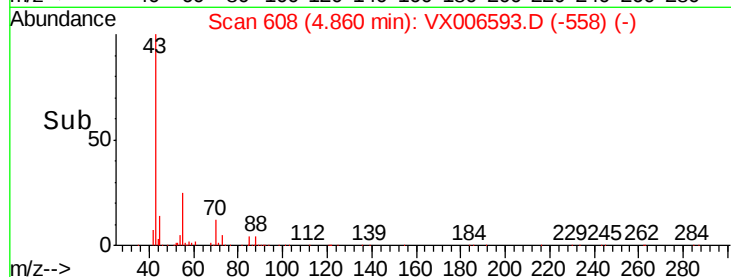
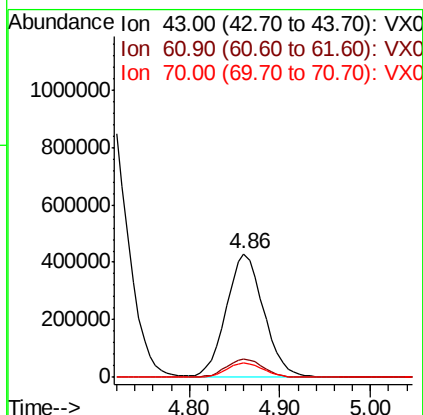
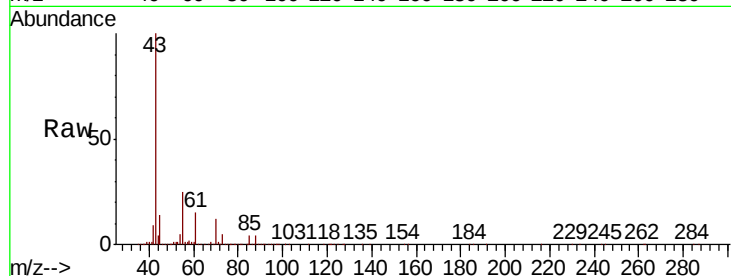




#37
Ethyl Acetate
Concen: 144.868 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

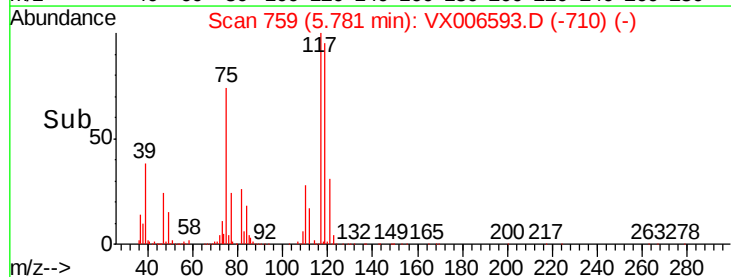
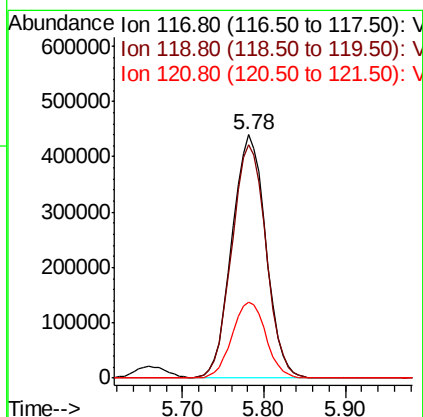
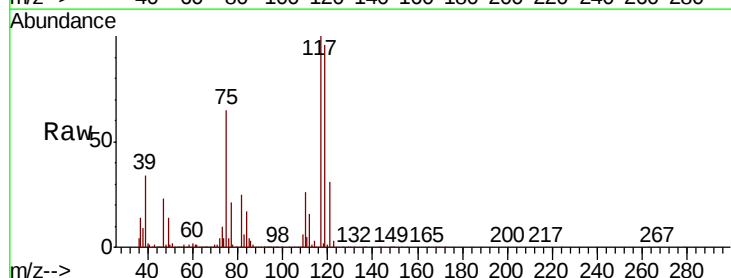
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

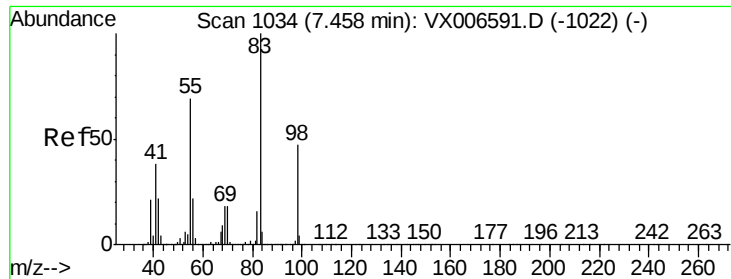
Tgt Ion: 43 Resp: 1225146
Ion Ratio Lower Upper
43 100
61 14.7 11.9 17.9
70 11.9 9.7 14.5



#38
Carbon Tetrachloride
Concen: 160.126 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Tgt Ion: 117 Resp: 1264445
Ion Ratio Lower Upper
117 100
119 95.8 79.4 119.2
121 31.0 24.0 36.0

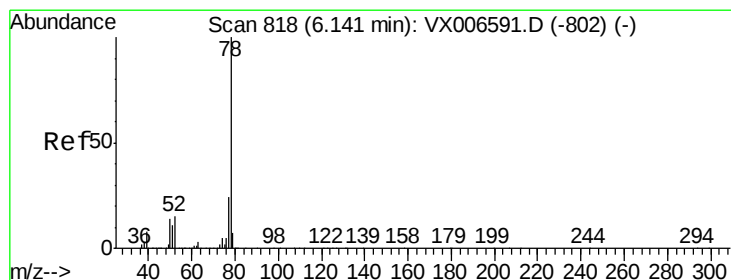
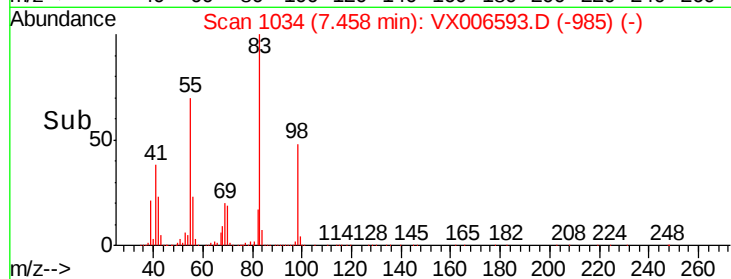
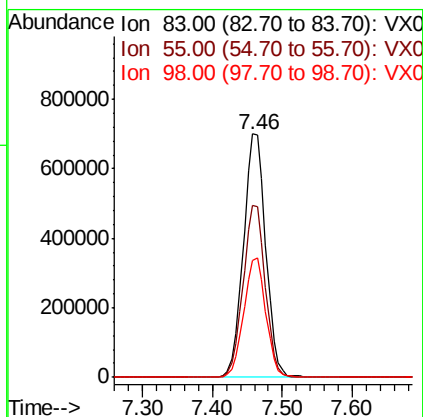
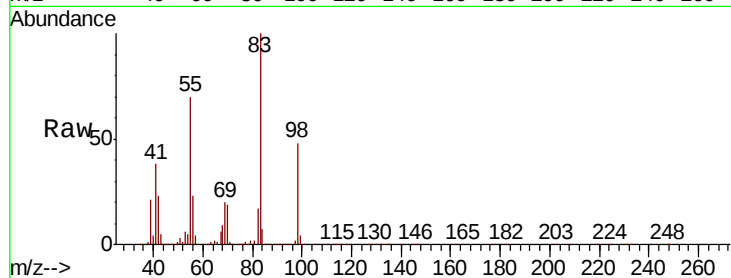




#39
Methylcyclohexane
Concen: 144.619 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

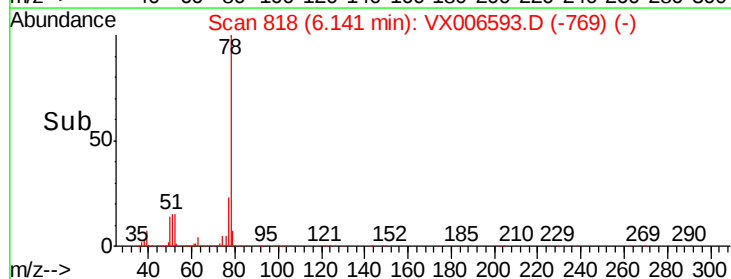
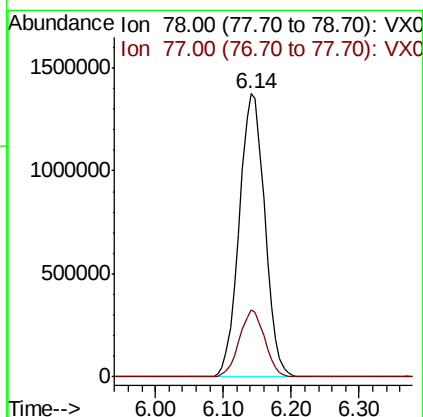
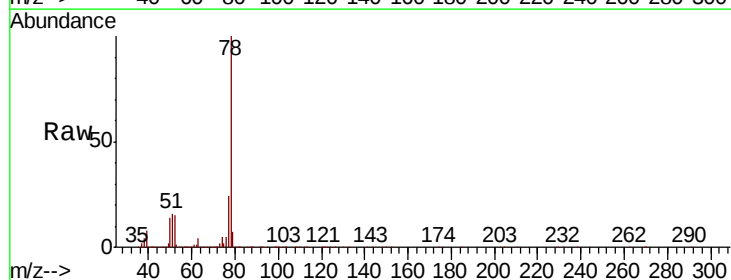
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

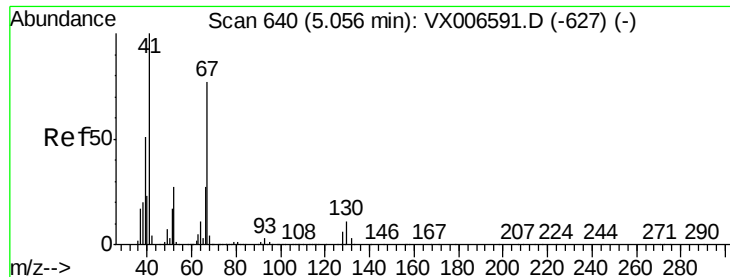
Tgt Ion: 83 Resp: 1547025
Ion Ratio Lower Upper
83 100
55 70.5 54.9 82.3
98 48.0 37.9 56.9



#40
Benzene
Concen: 145.375 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Tgt Ion: 78 Resp: 3590522
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 142.884 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 679045

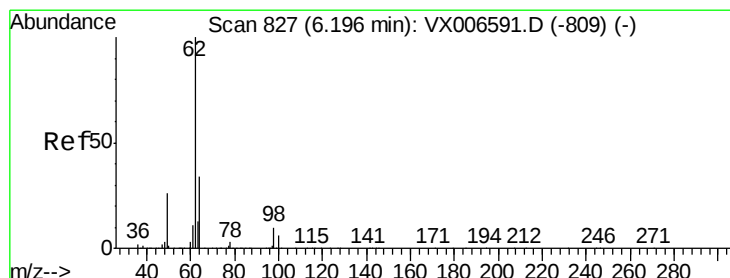
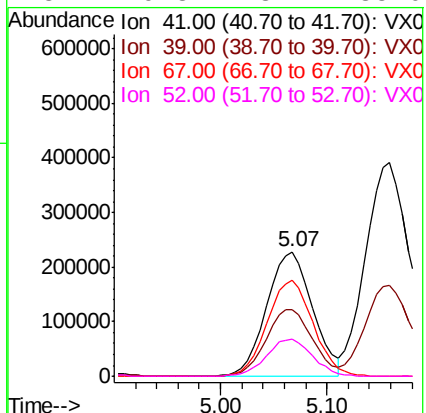
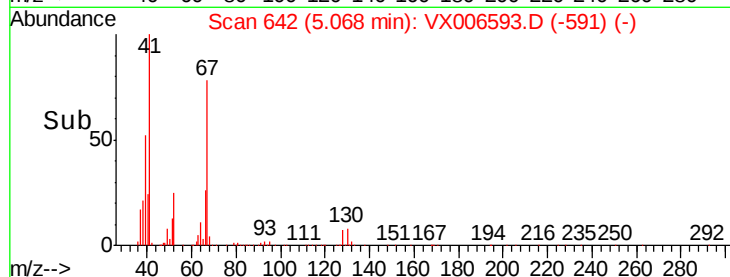
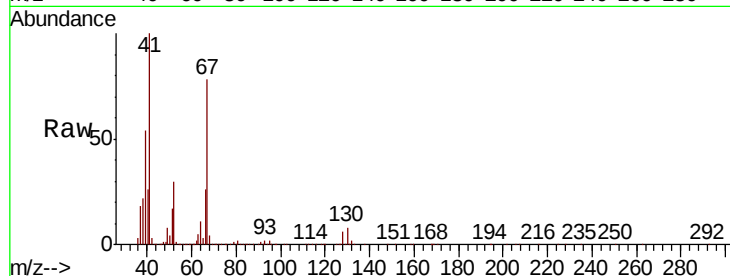
Ion Ratio Lower Upper

41 100

39 54.3 42.8 64.2

67 77.7 62.1 93.1

52 29.8 23.4 35.0



#42

1,2-Dichloroethane

Concen: 141.550 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006593.D

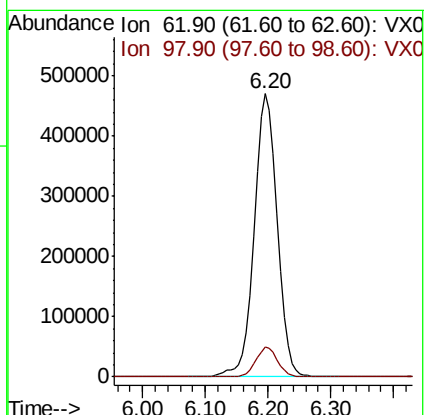
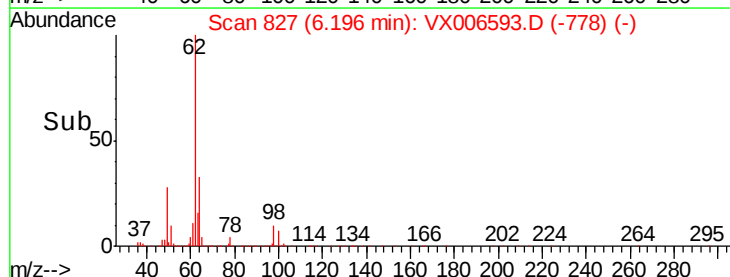
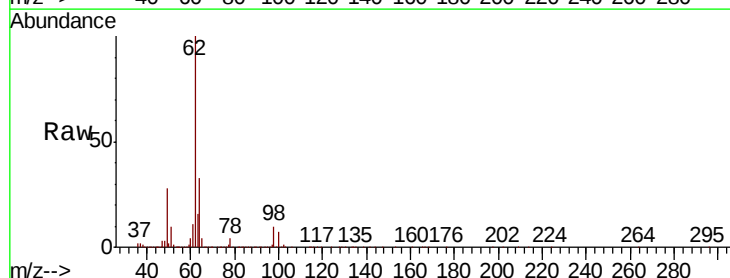
Acq: 18 Dec 2018 12:57

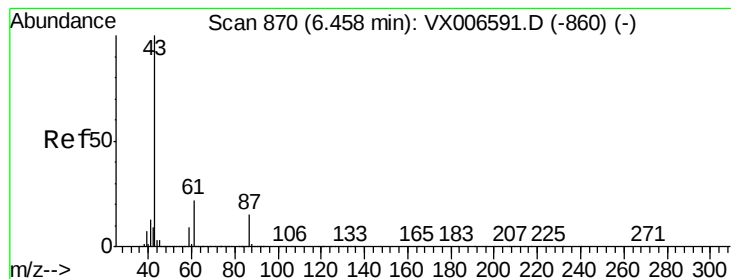
Tgt Ion: 62 Resp: 1191302

Ion Ratio Lower Upper

62 100

98 10.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 156.214 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

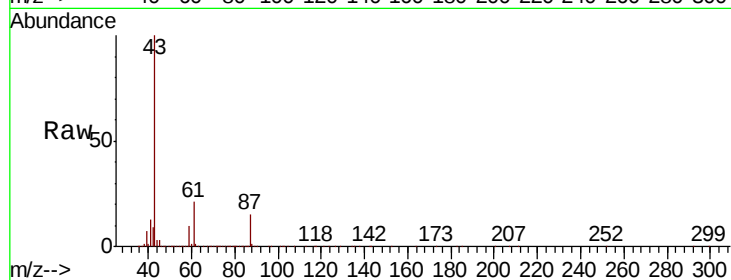
Tgt Ion: 43 Resp: 2010116

Ion Ratio Lower Upper

43 100

61 21.0 16.8 25.2

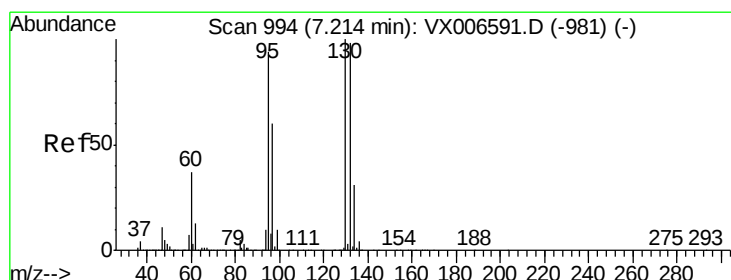
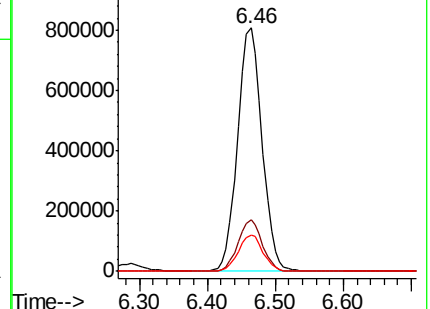
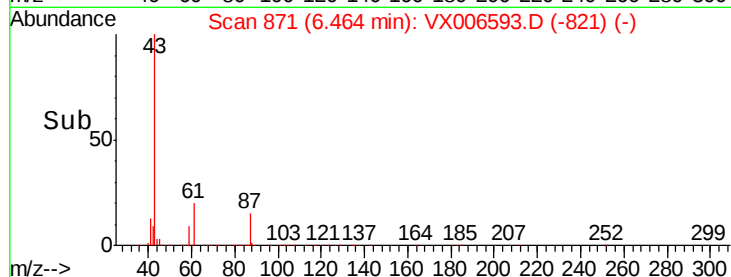
87 15.1 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX006593.D (-821) (-)

Ion 61.00 (60.70 to 61.70): VX006593.D (-821) (-)

Ion 87.00 (86.70 to 87.70): VX006593.D (-821) (-)



#44

Trichloroethene

Concen: 144.520 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006593.D

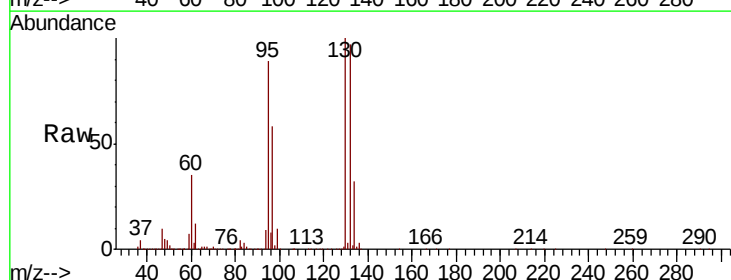
Acq: 18 Dec 2018 12:57

Tgt Ion: 130 Resp: 1080346

Ion Ratio Lower Upper

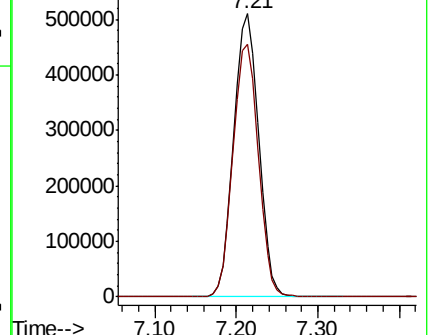
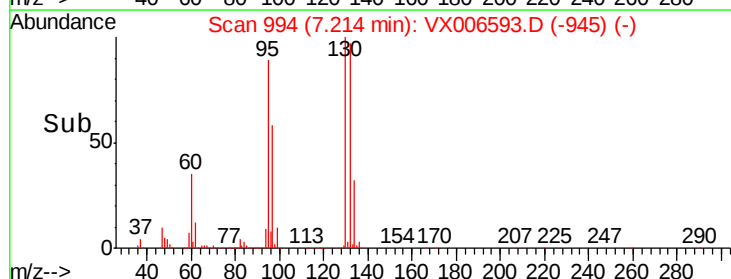
130 100

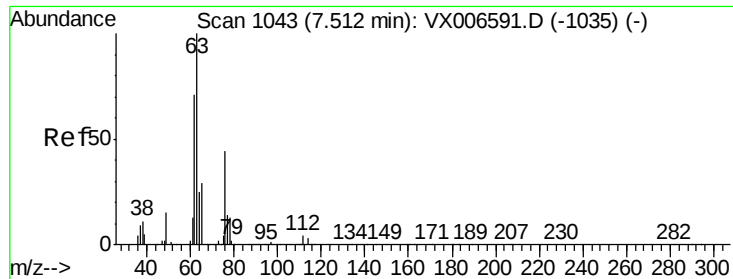
95 89.1 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX006593.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX006593.D (-945) (-)

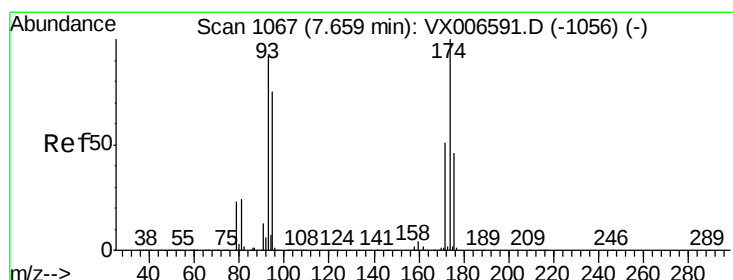
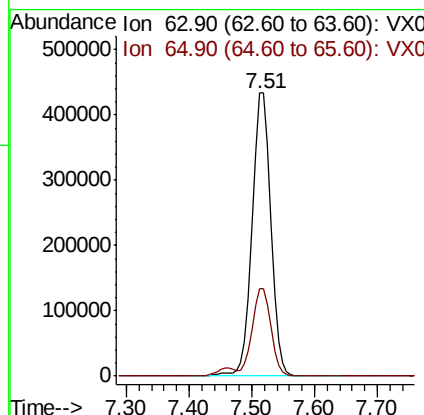
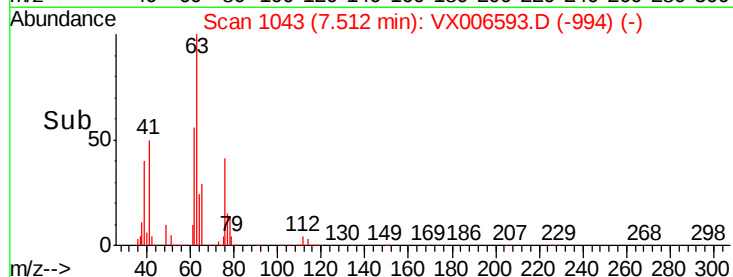
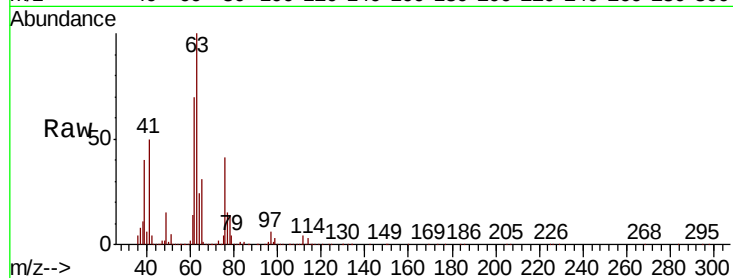




#45
 1,2-Dichloropropane
 Concen: 149.721 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

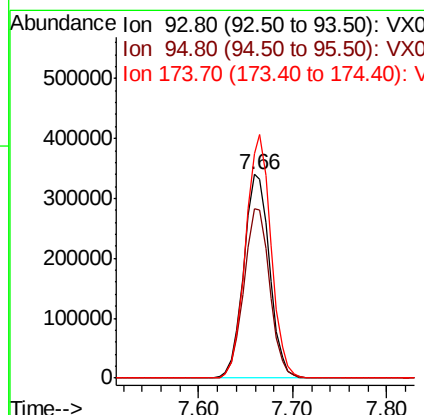
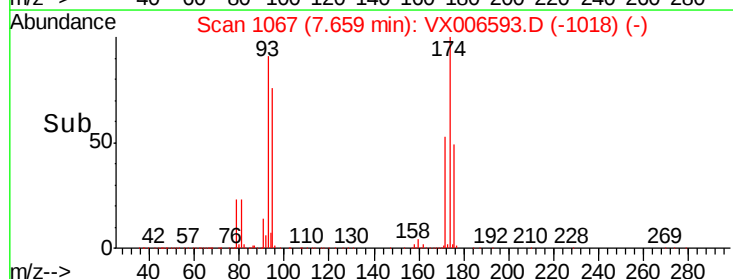
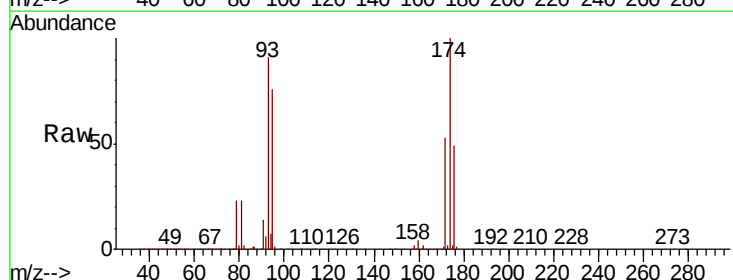
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

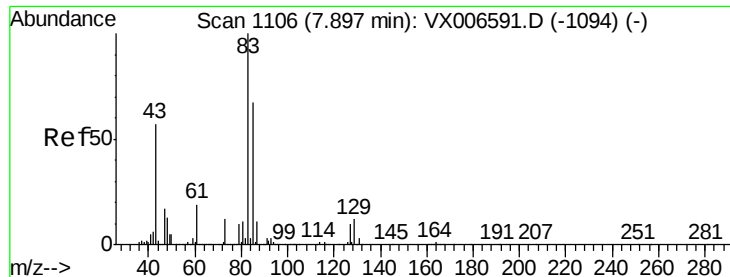
Tgt Ion: 63 Resp: 899870
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.4 38.0



#46
 Dibromomethane
 Concen: 147.961 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

Tgt Ion: 93 Resp: 654123
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.2 99.4
 174 117.5 91.0 136.4





#47

Bromodichloromethane

Concen: 163.291 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

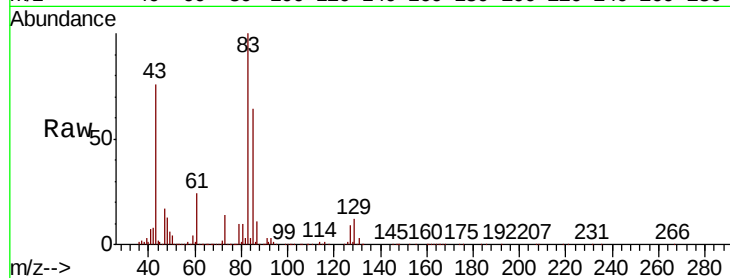
Tgt Ion: 83 Resp: 1198511

Ion Ratio Lower Upper

83 100

85 63.7 53.2 79.8

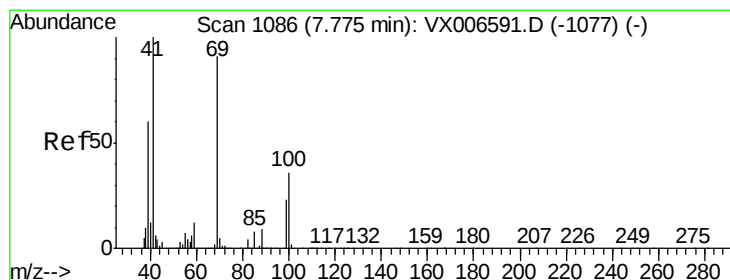
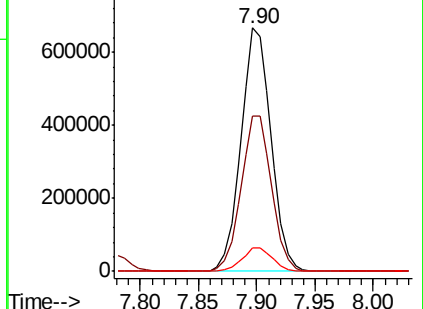
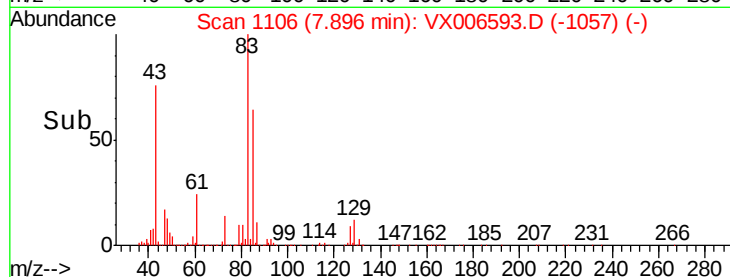
127 9.4 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 153.309 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

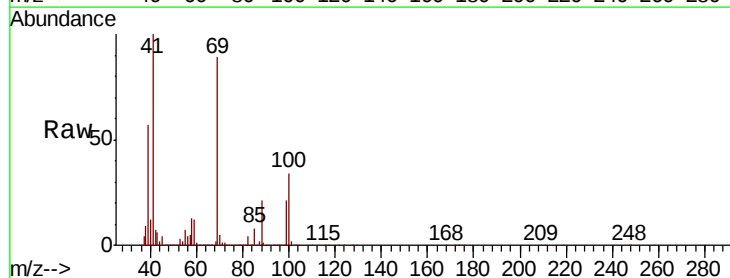
Tgt Ion: 41 Resp: 1003194

Ion Ratio Lower Upper

41 100

69 89.4 72.4 108.6

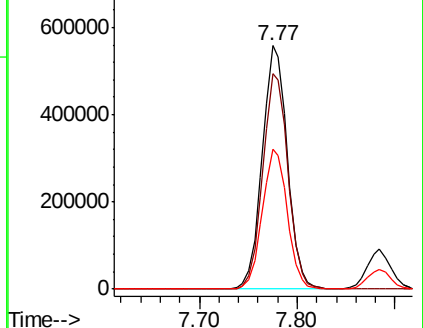
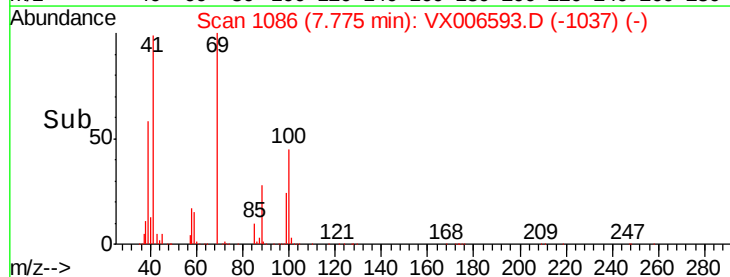
39 57.3 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2702.927 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

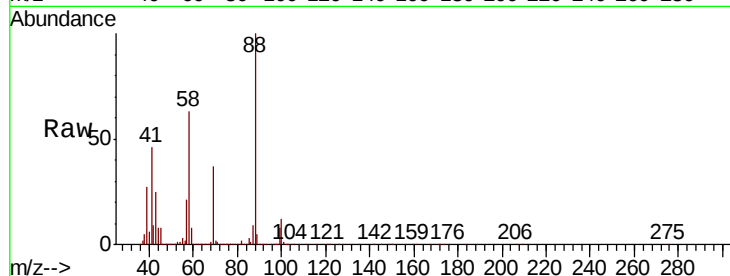
Tgt Ion: 88 Resp: 500432

Ion Ratio Lower Upper

88 100

43 28.1 22.2 33.4

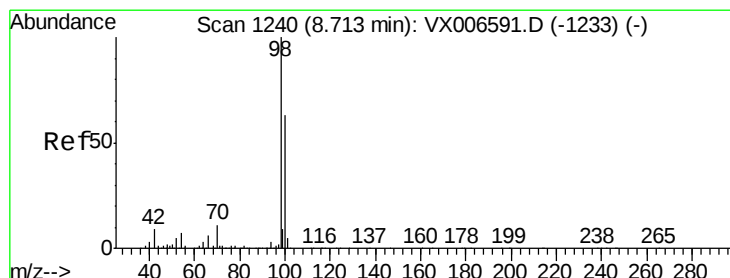
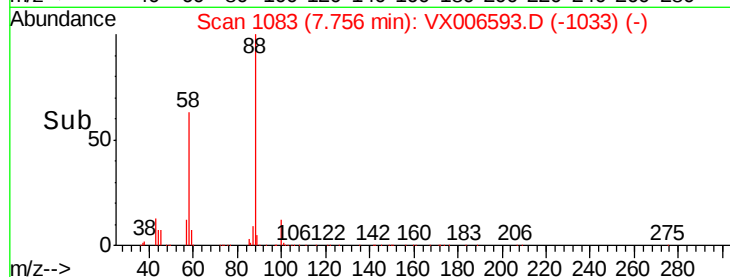
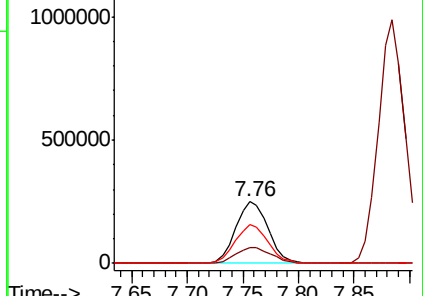
58 63.8 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 145.387 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006593.D

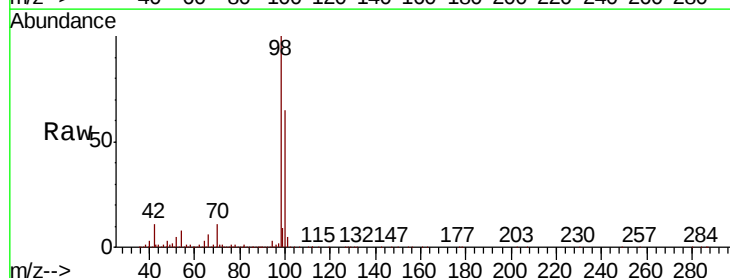
Acq: 18 Dec 2018 12:57

Tgt Ion: 98 Resp: 3400472

Ion Ratio Lower Upper

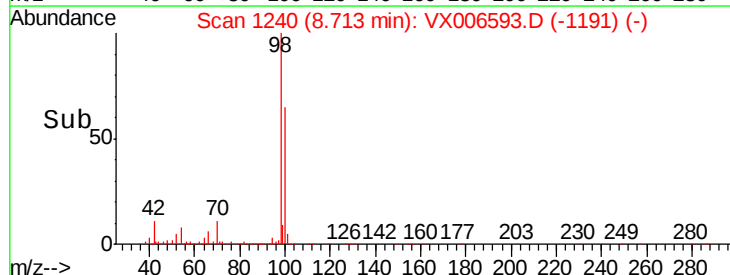
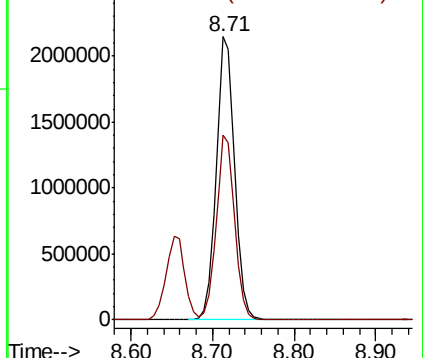
98 100

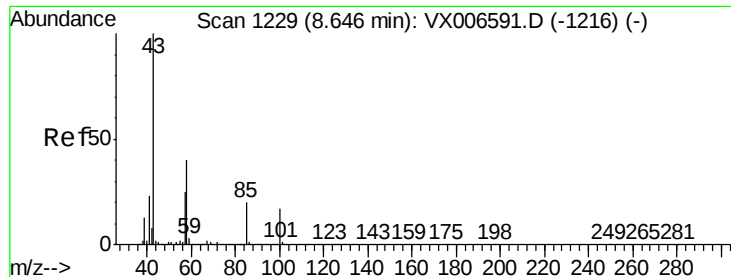
100 65.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

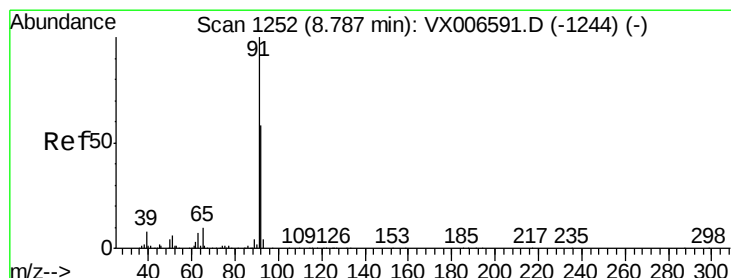
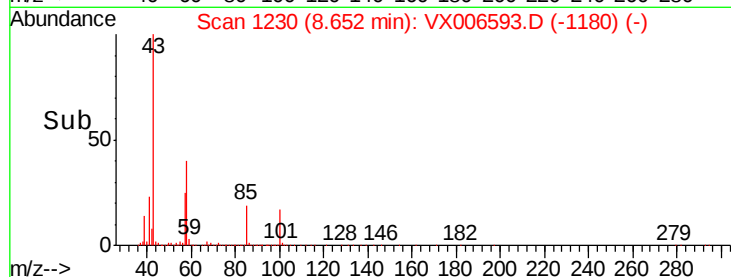
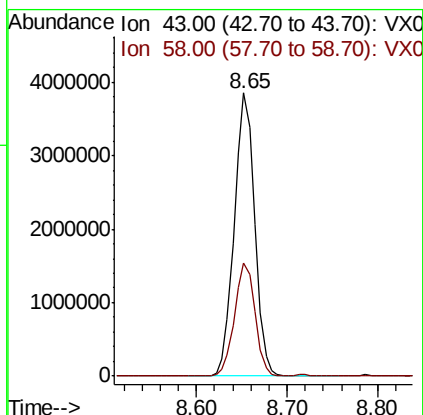
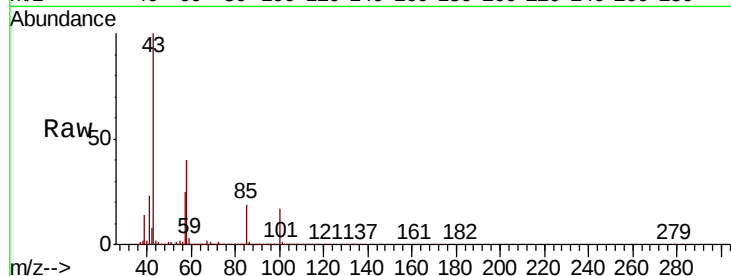




#51
 4-Methyl-2-Pentanone
 Concen: 738.126 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

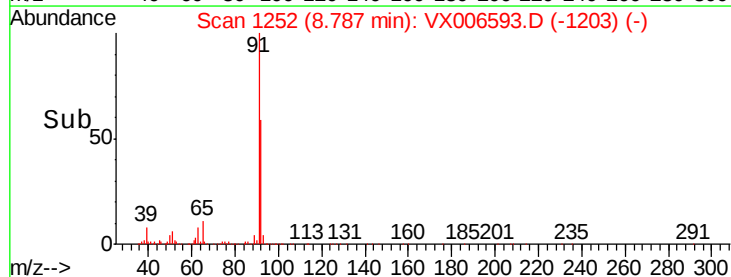
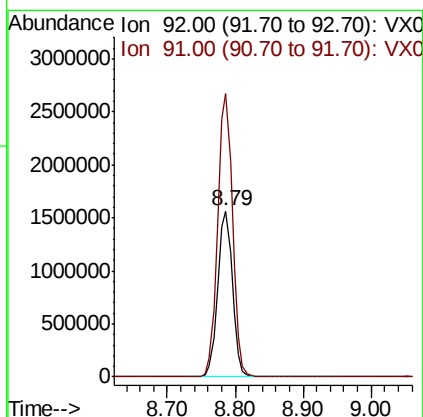
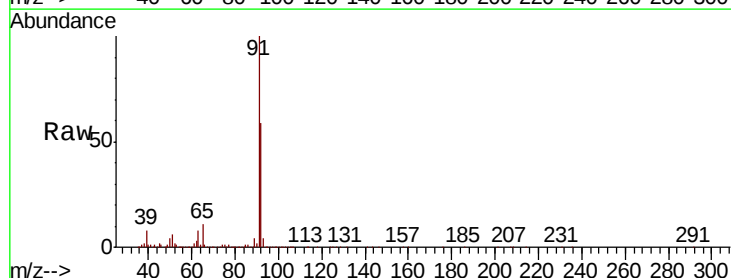
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

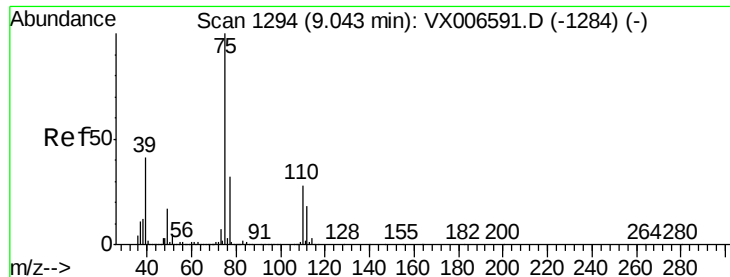
Tgt Ion: 43 Resp: 6043284
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.8 47.6



#52
 Toluene
 Concen: 147.259 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

Tgt Ion: 92 Resp: 2349690
 Ion Ratio Lower Upper
 92 100
 91 172.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 173.086 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

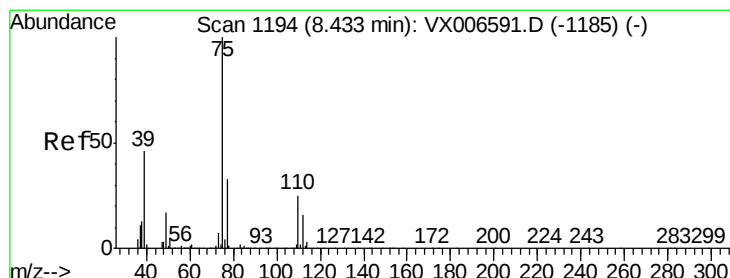
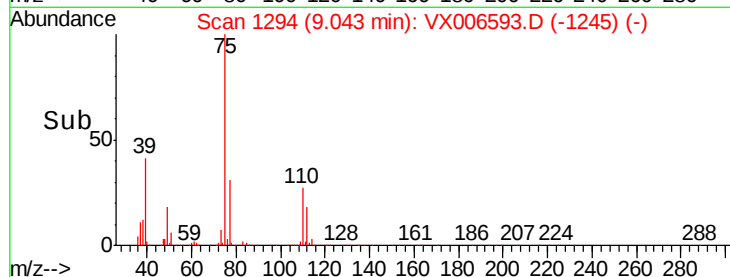
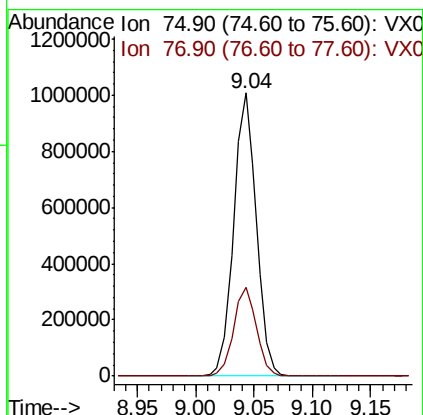
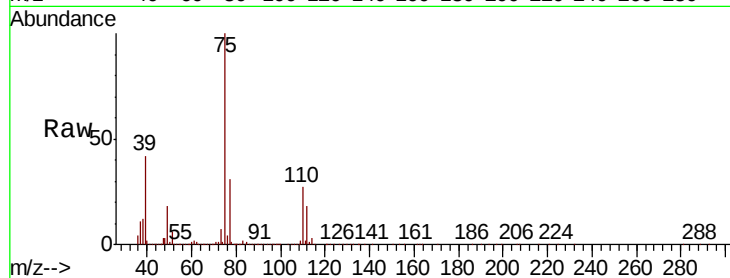
VSTDIC150

Tgt Ion: 75 Resp: 1362494

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 170.768 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

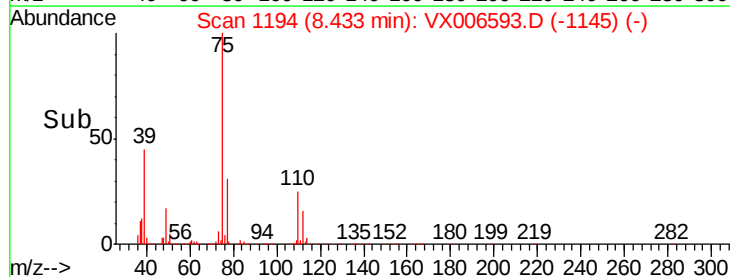
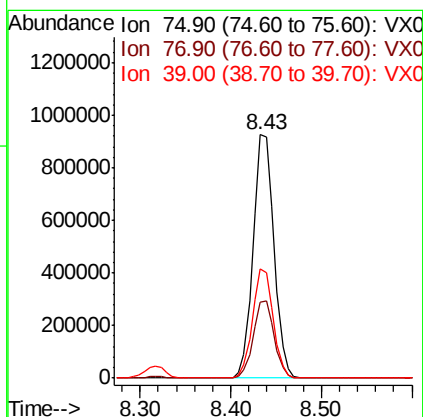
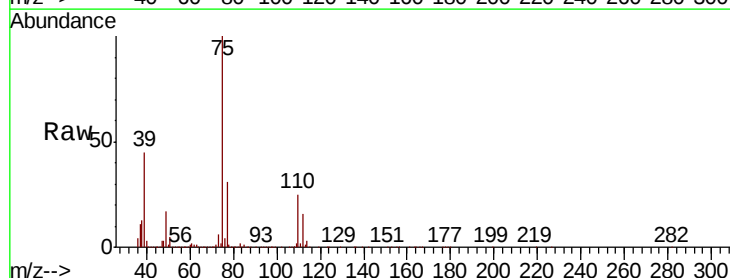
Tgt Ion: 75 Resp: 1474973

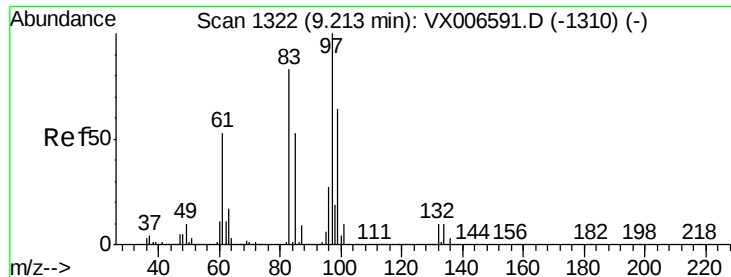
Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

39 44.5 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 144.314 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 942538

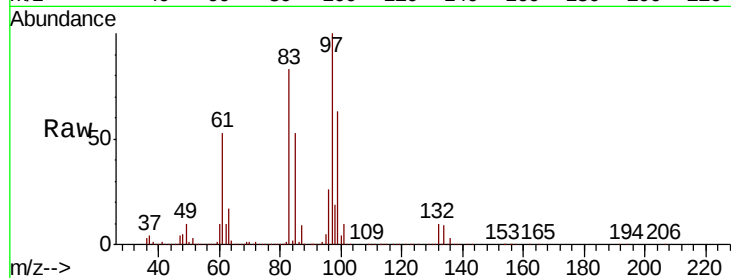
Ion Ratio Lower Upper

97 100

83 82.5 66.6 99.8

85 53.0 42.7 64.1

99 63.1 50.8 76.2



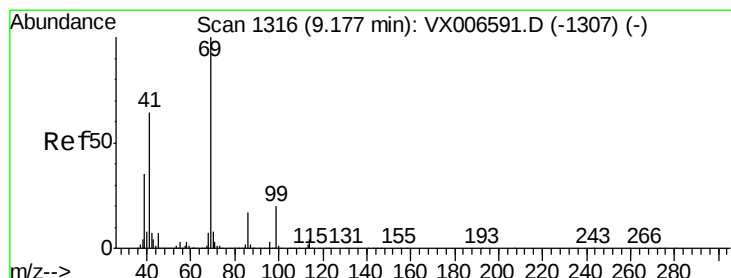
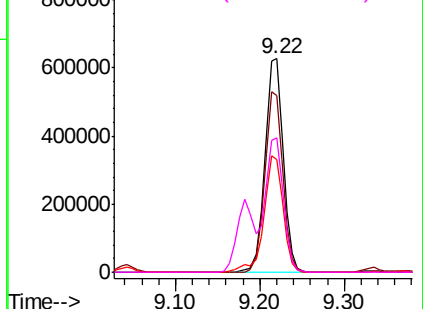
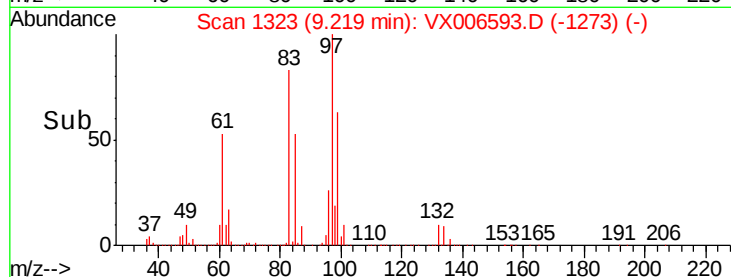
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 151.688 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

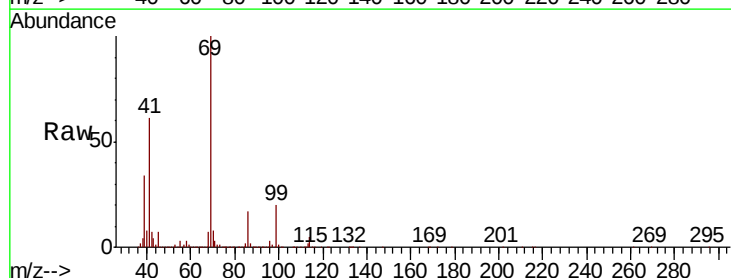
Tgt Ion: 69 Resp: 1400219

Ion Ratio Lower Upper

69 100

41 62.5 48.7 73.1

39 35.0 27.0 40.6

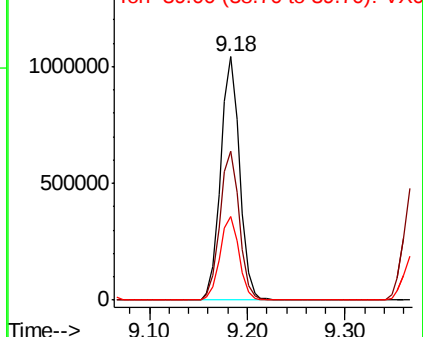
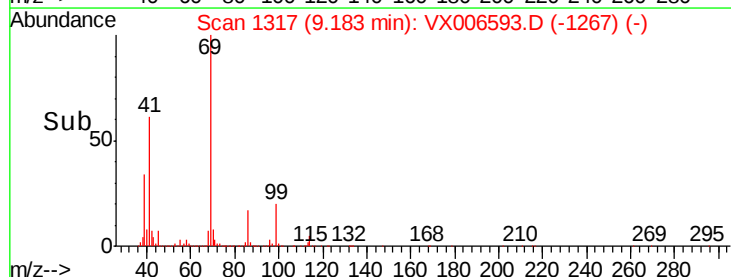


Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 143.191 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

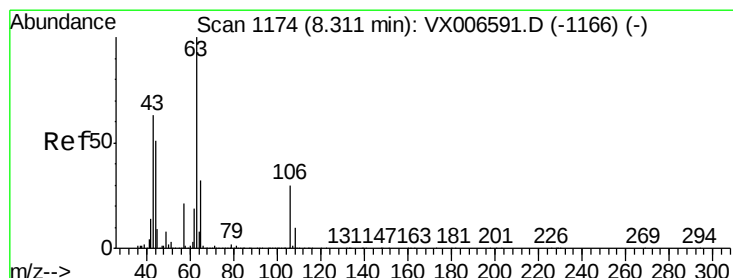
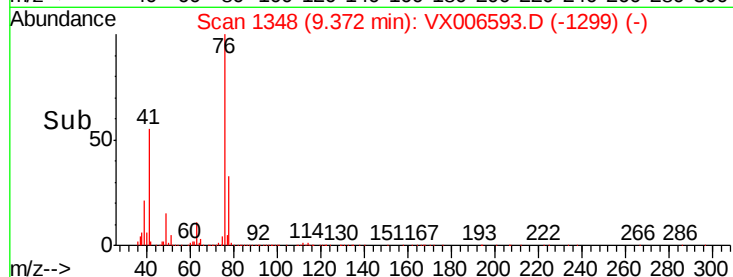
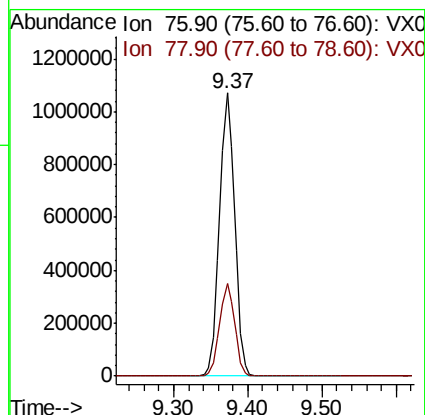
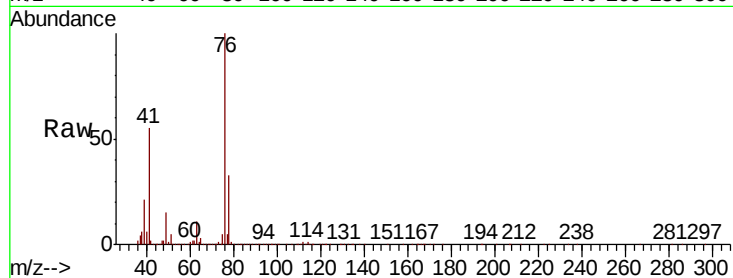
VSTDIC150

Tgt Ion: 76 Resp: 1504638

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 741.743 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006593.D

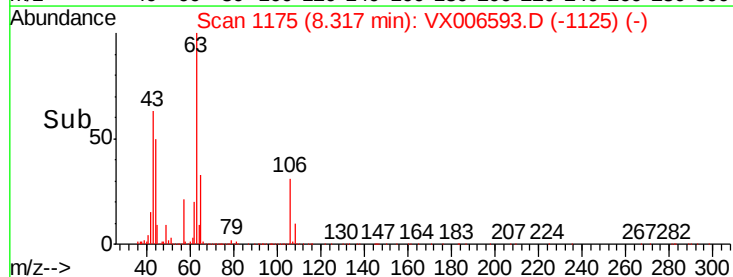
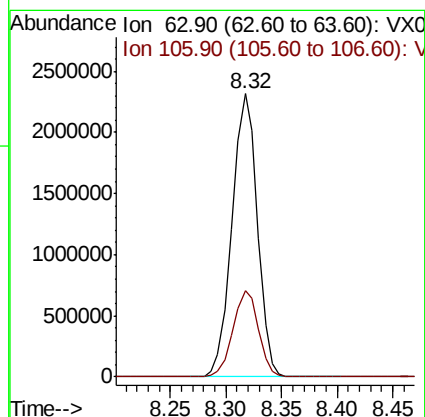
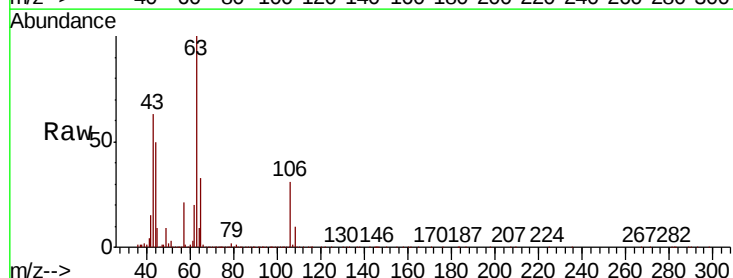
Acq: 18 Dec 2018 12:57

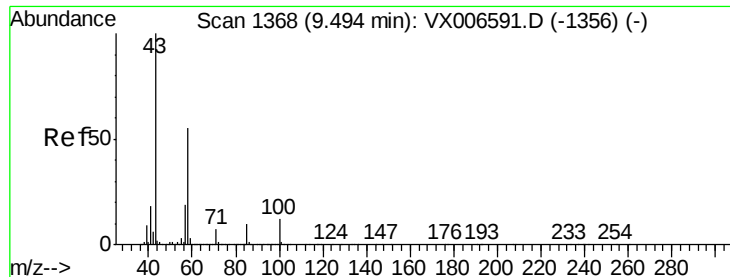
Tgt Ion: 63 Resp: 3639628

Ion Ratio Lower Upper

63 100

106 30.8 24.6 36.8





#59

2-Hexanone

Concen: 753.720 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

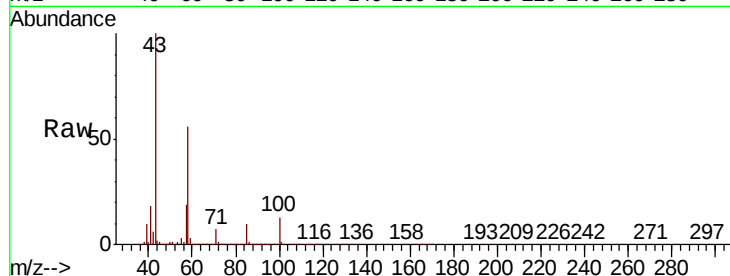
VSTDIC150

Tgt Ion: 43 Resp: 4721509

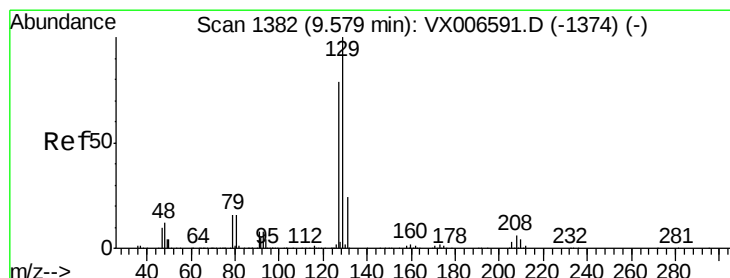
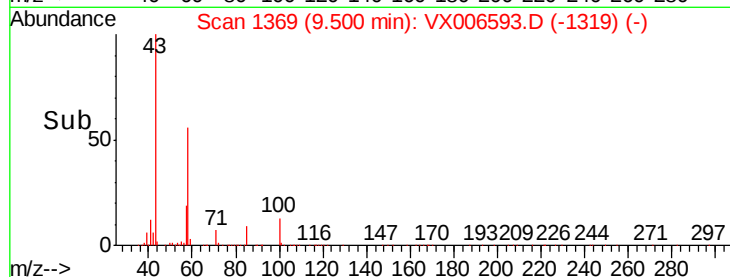
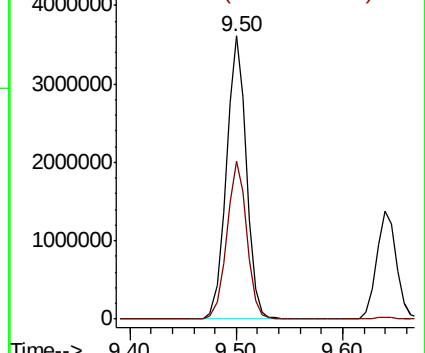
Ion Ratio Lower Upper

43 100

58 55.8 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX006593.D (-1368) (-)



#60

Dibromochloromethane

Concen: 175.489 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006593.D

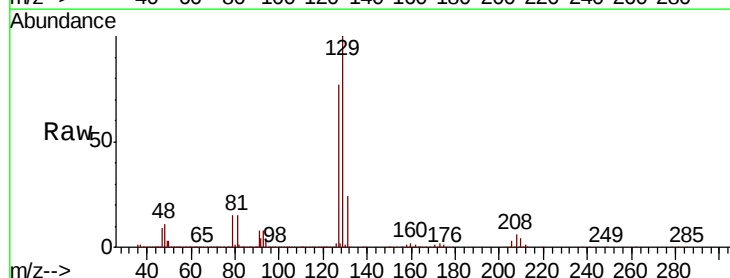
Acq: 18 Dec 2018 12:57

Tgt Ion: 129 Resp: 1055709

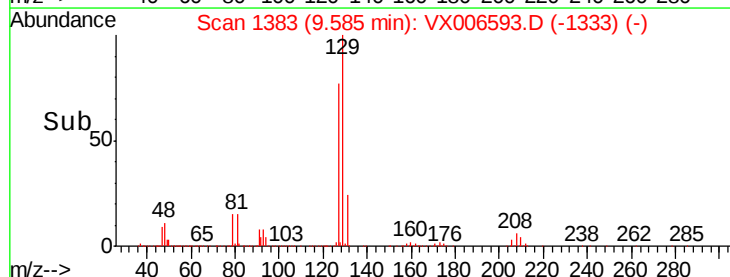
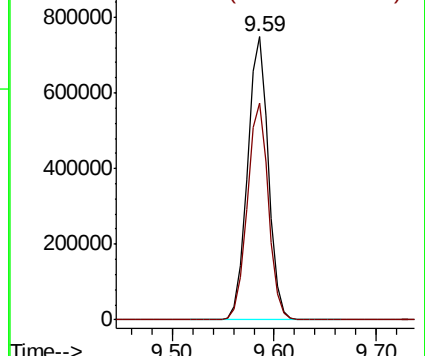
Ion Ratio Lower Upper

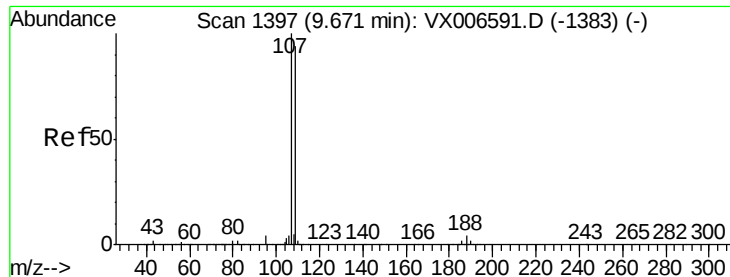
129 100

127 77.3 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): VX006593.D (-1382) (-)

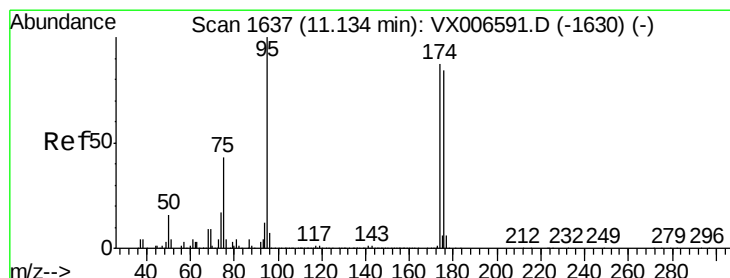
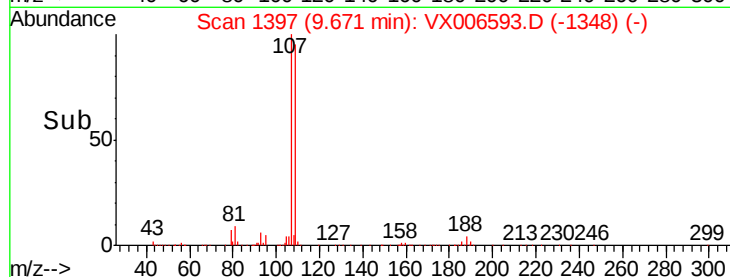
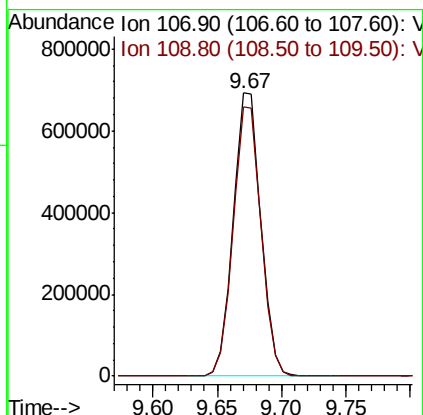
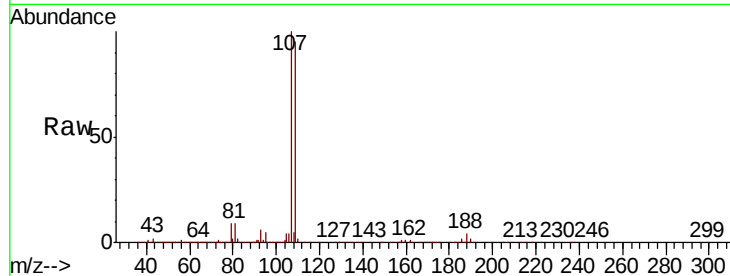




#61
 1,2-Dibromoethane
 Concen: 148.820 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

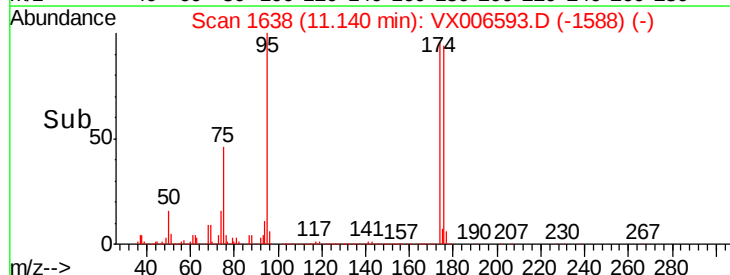
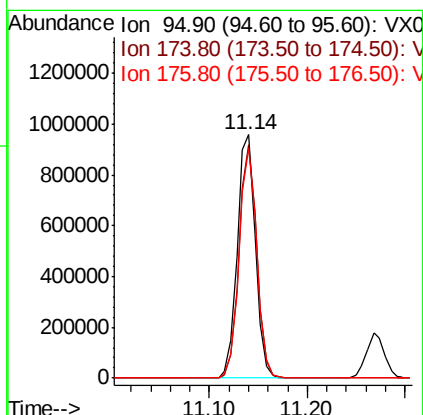
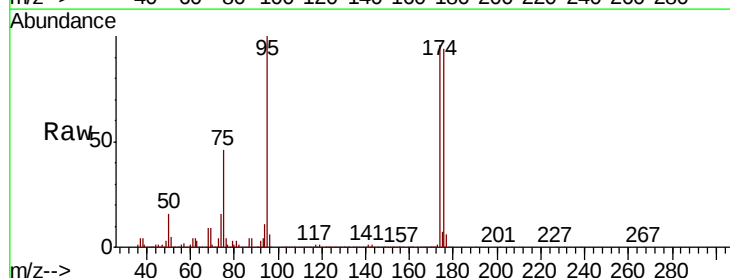
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

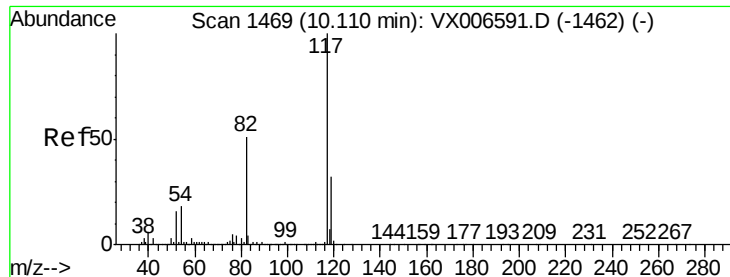
Tgt Ion: 107 Resp: 1033229
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 143.816 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

Tgt Ion: 95 Resp: 1231938
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 182.2
 176 91.9 0.0 178.8

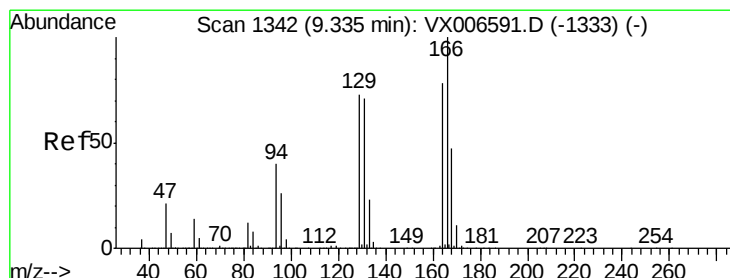
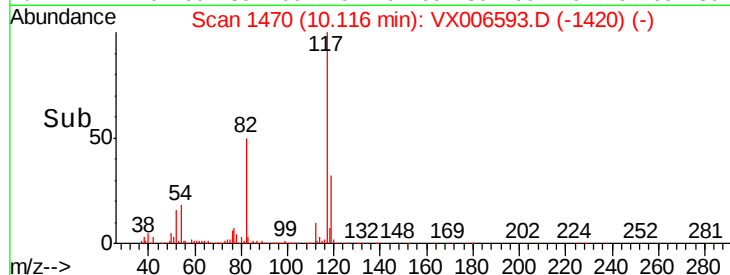
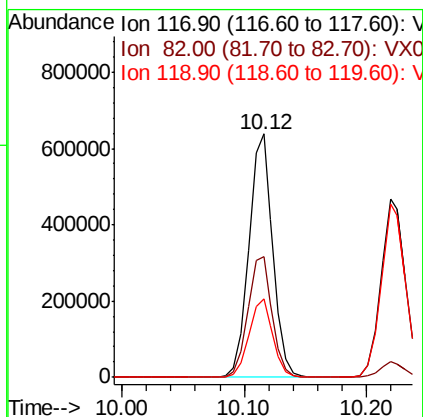
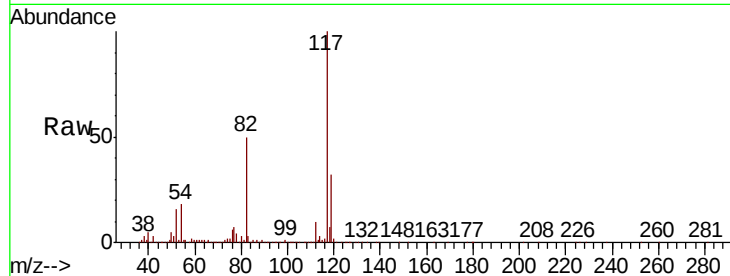




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

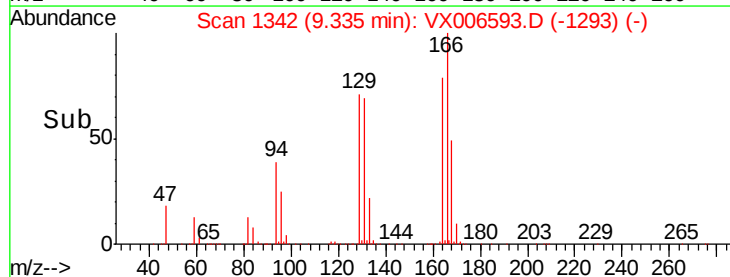
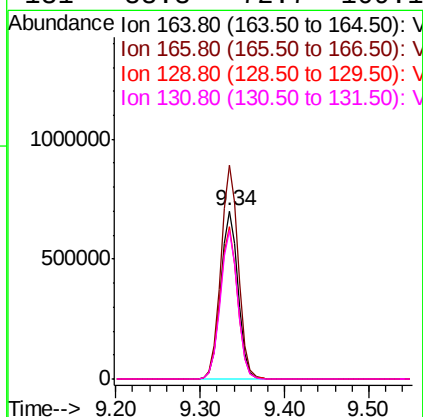
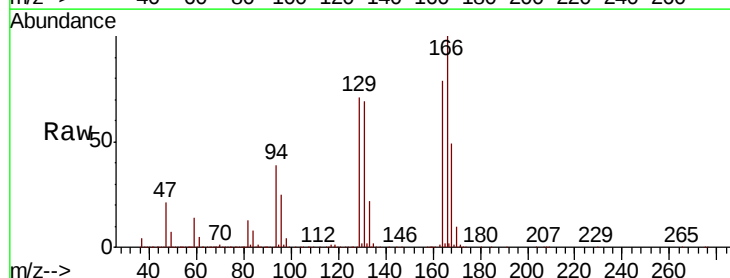
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

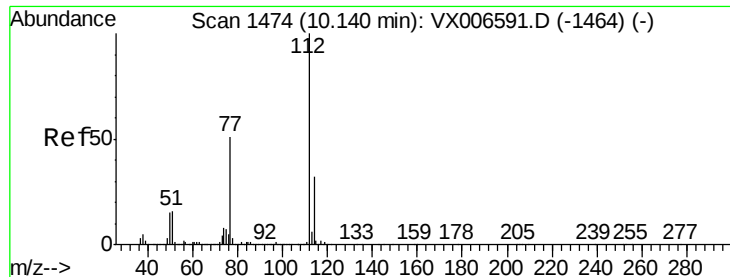
Tgt Ion:117 Resp: 861082
Ion Ratio Lower Upper
117 100
82 49.6 41.0 61.6
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 146.843 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Tgt Ion:164 Resp: 1001242
Ion Ratio Lower Upper
164 100
166 127.1 102.5 153.7
129 90.8 75.1 112.7
131 88.3 72.7 109.1





#65

Chlorobenzene

Concen: 146.711 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

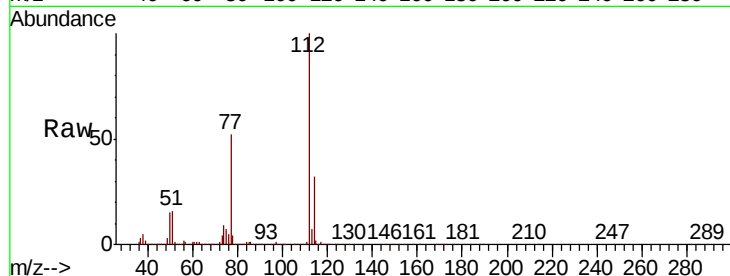
VSTDIC150

Tgt Ion:112 Resp: 2672634

Ion Ratio Lower Upper

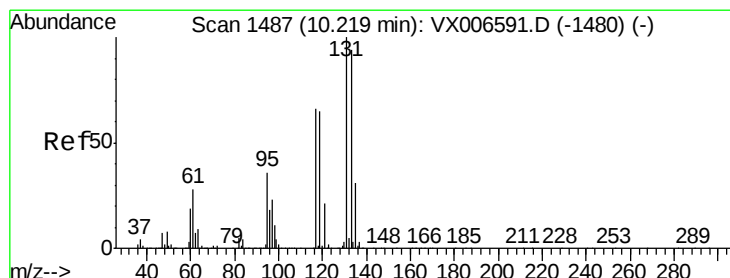
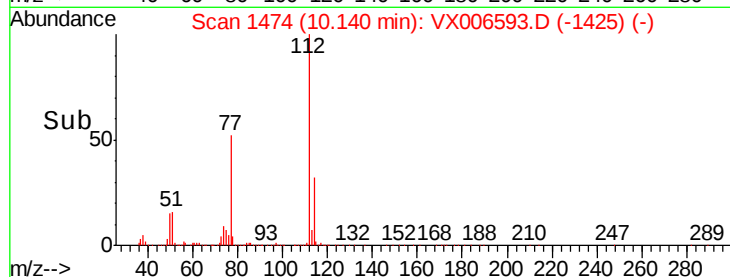
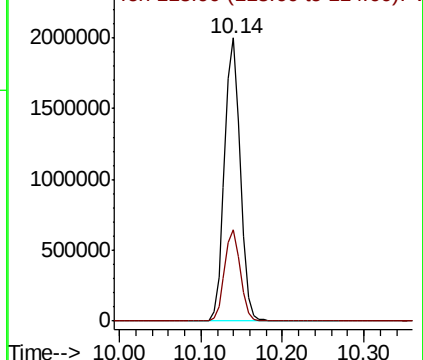
112 100

114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 171.039 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

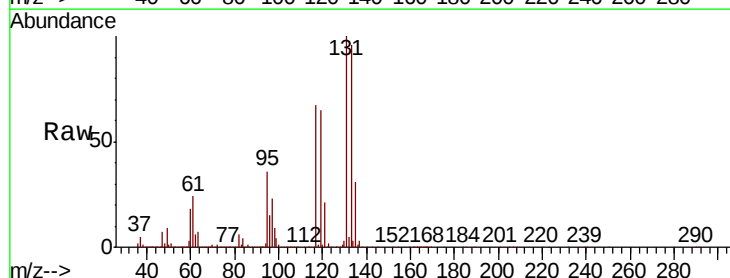
Tgt Ion:131 Resp: 972122

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

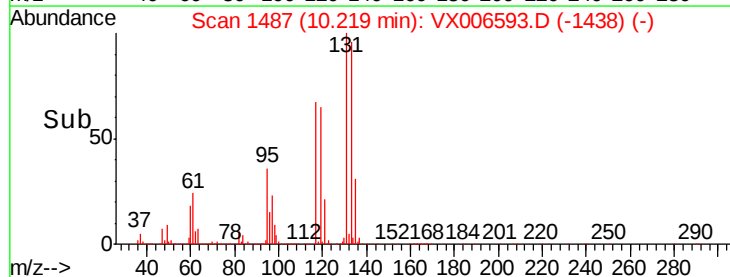
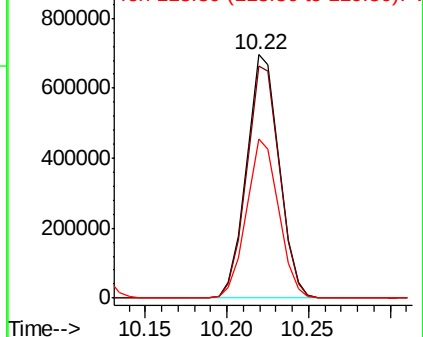
119 64.6 32.6 97.8

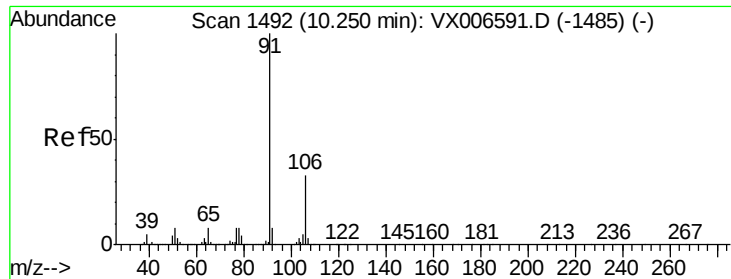


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 148.280 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

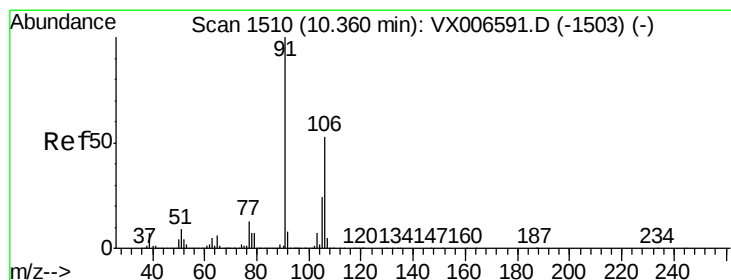
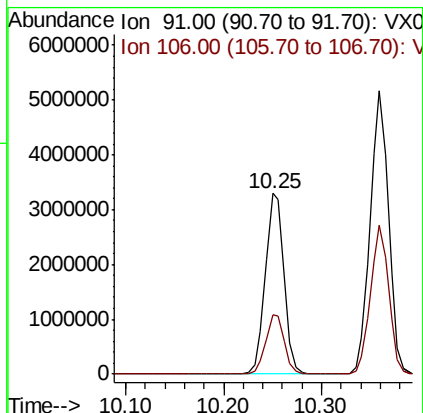
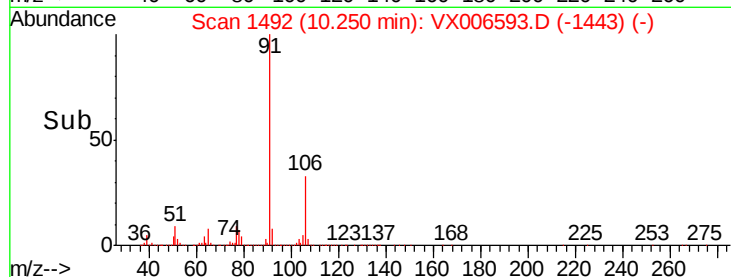
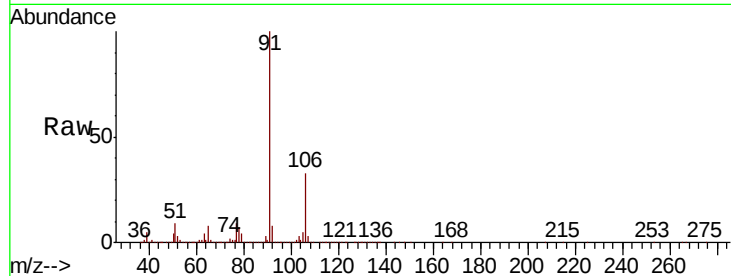
VSTDIC150

Tgt Ion: 91 Resp: 4413963

Ion Ratio Lower Upper

91 100

106 33.0 26.4 39.6



#68

m/p-Xylenes

Concen: 301.106 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006593.D

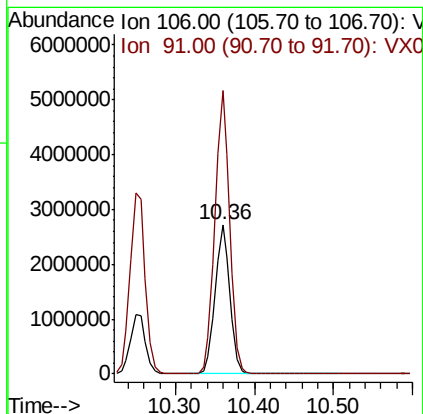
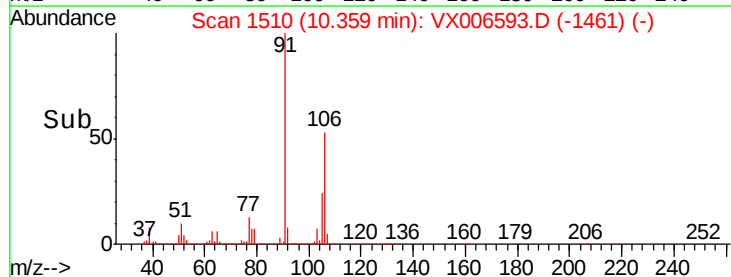
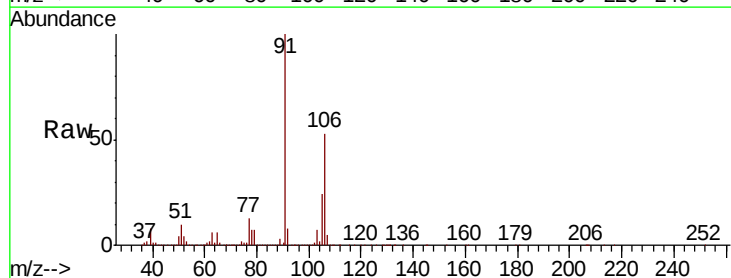
Acq: 18 Dec 2018 12:57

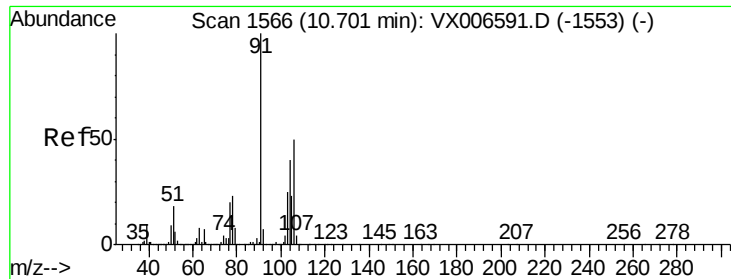
Tgt Ion: 106 Resp: 3536869

Ion Ratio Lower Upper

106 100

91 191.4 155.8 233.6

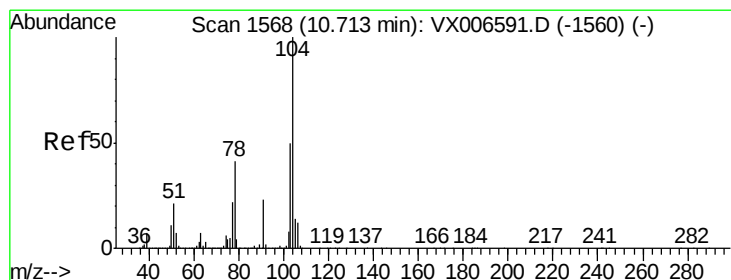
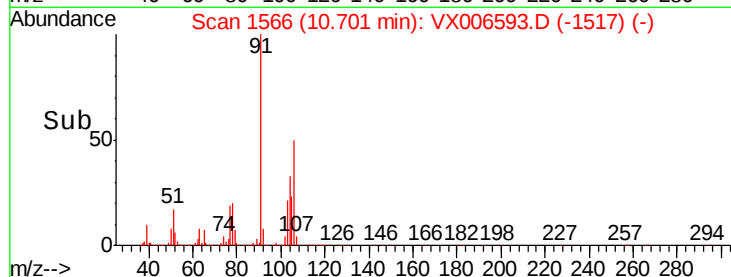
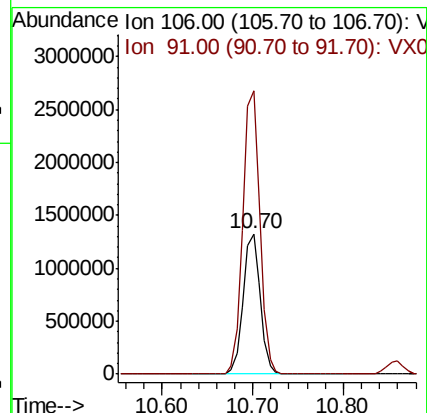
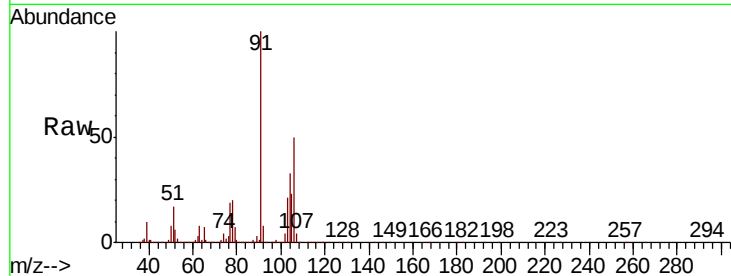




#69
o-Xylene
Concen: 148.615 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

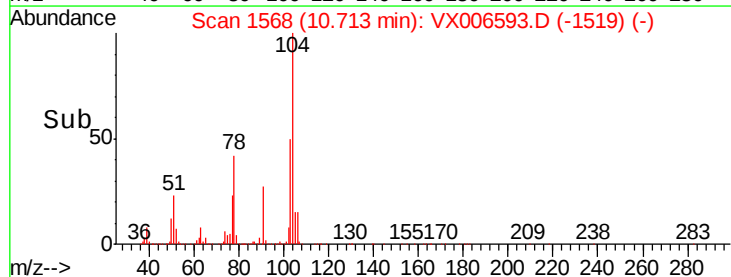
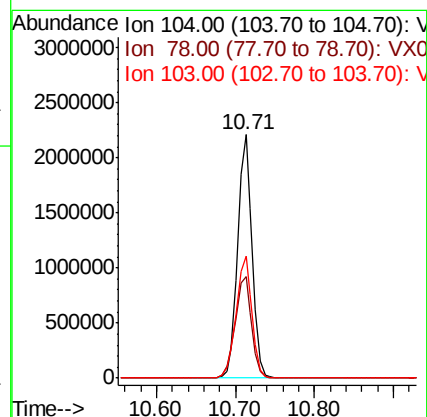
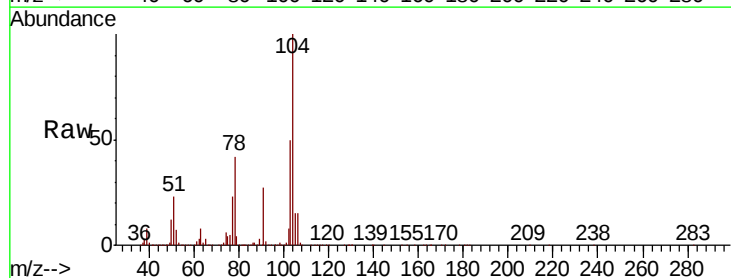
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

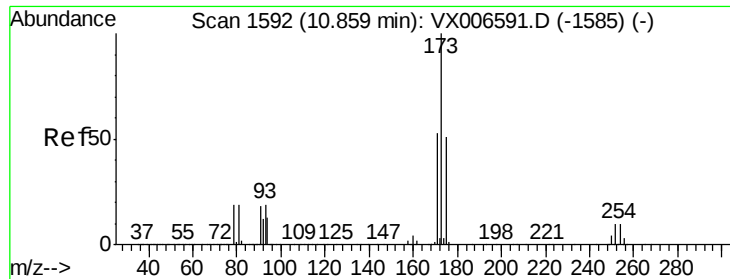
Tgt Ion:106 Resp: 1723807
Ion Ratio Lower Upper
106 100
91 202.9 101.3 303.7



#70
Styrene
Concen: 153.086 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Tgt Ion:104 Resp: 2809229
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 54.8 43.8 65.8

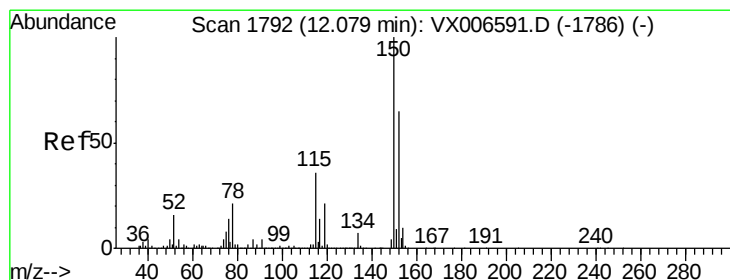
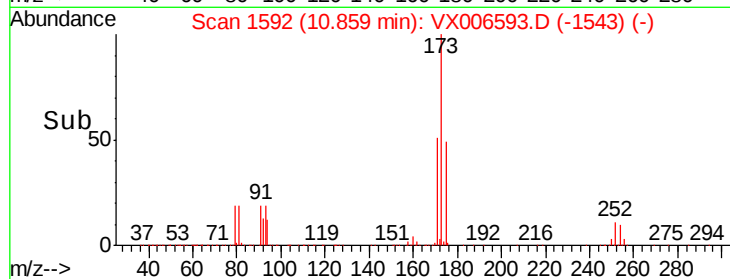
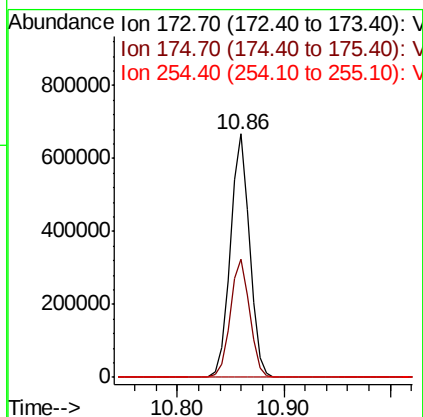
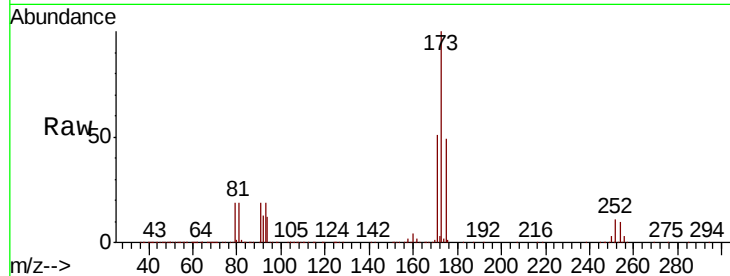




#71
Bromoform
Concen: 195.450 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

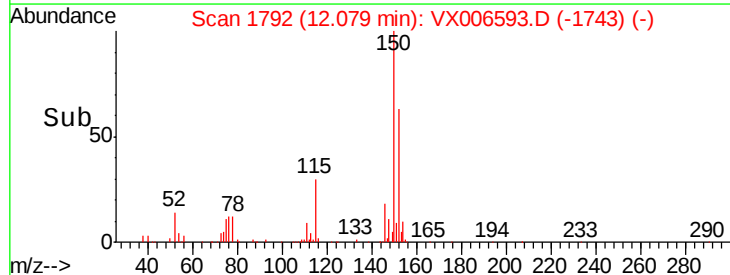
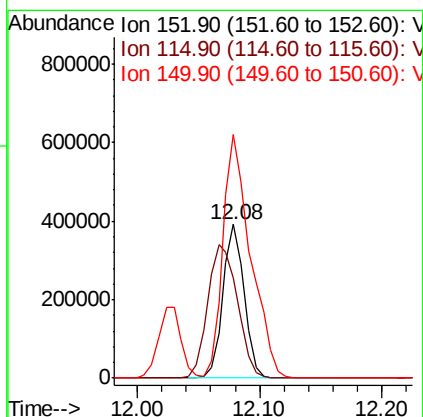
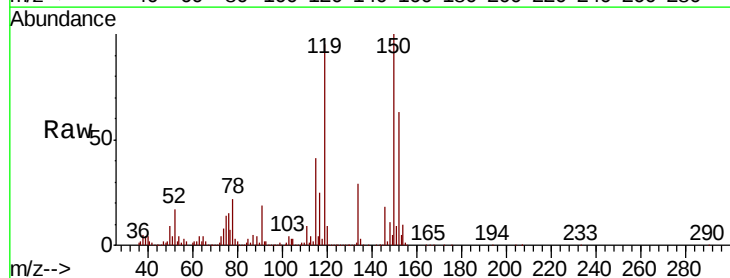
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

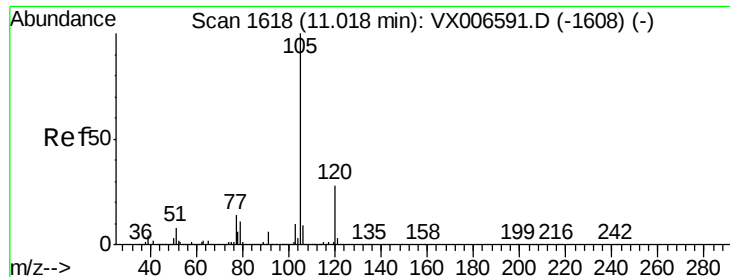
Tgt Ion:173 Resp: 845718
Ion Ratio Lower Upper
173 100
175 48.7 24.7 74.1
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Tgt Ion:152 Resp: 469951
Ion Ratio Lower Upper
152 100
115 122.5 39.1 117.2#
150 206.5 0.0 344.8





#73

Isopropylbenzene

Concen: 140.537 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

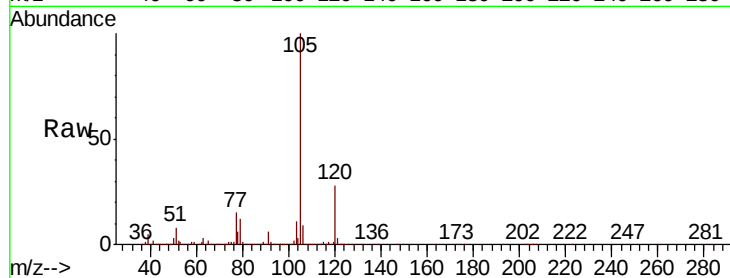
VSTDIC150

Tgt Ion:105 Resp: 4518293

Ion Ratio Lower Upper

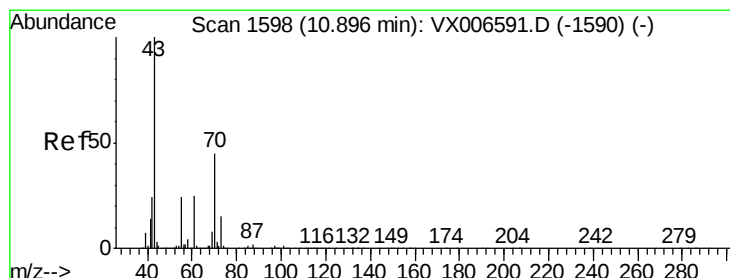
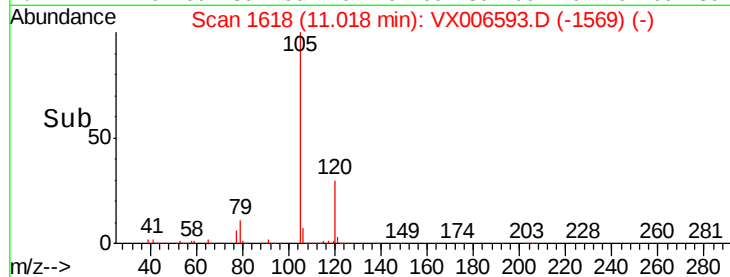
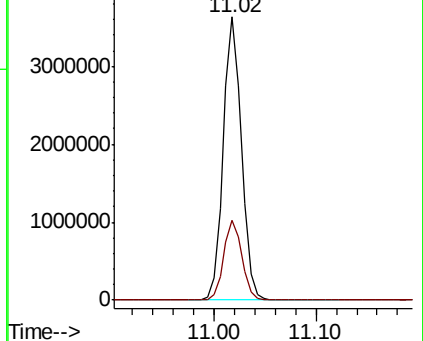
105 100

120 28.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 163.721 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Tgt Ion: 43 Resp: 1884095

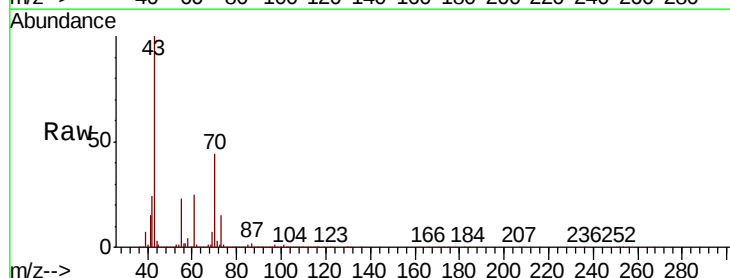
Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 23.1 19.4 29.0

61 24.5 20.1 30.1

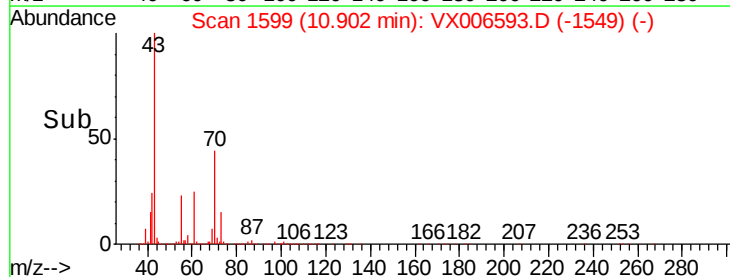
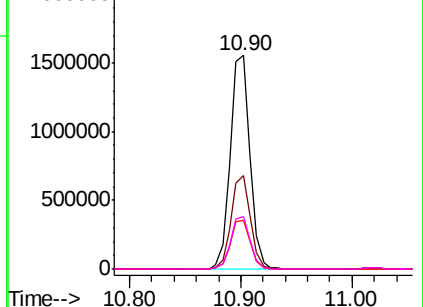


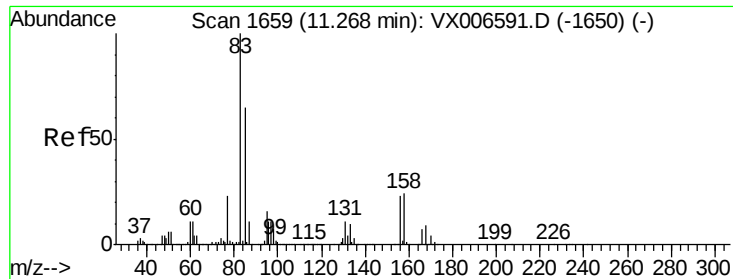
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 151.248 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

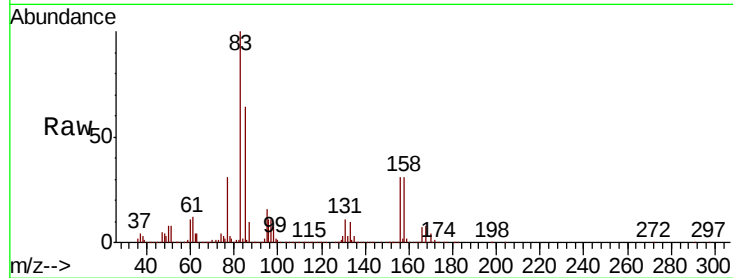
Tgt Ion: 83 Resp: 1446167

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

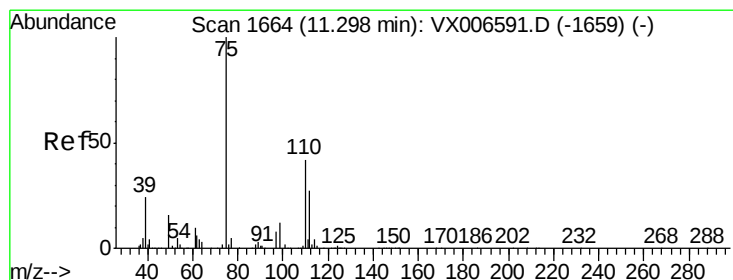
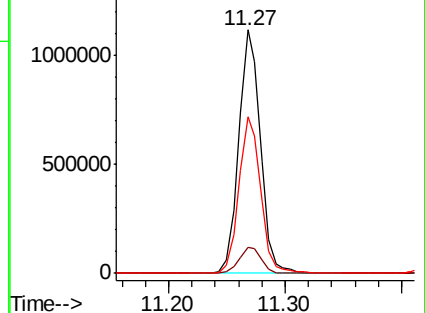
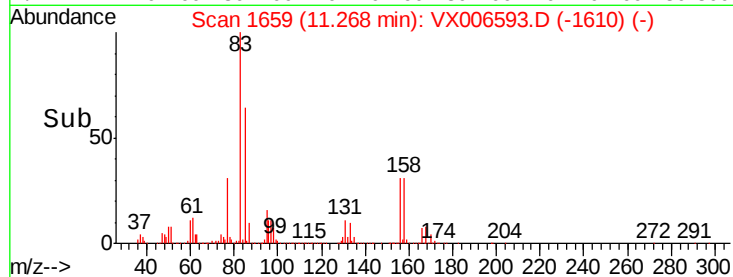
85 64.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 200.315 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006593.D

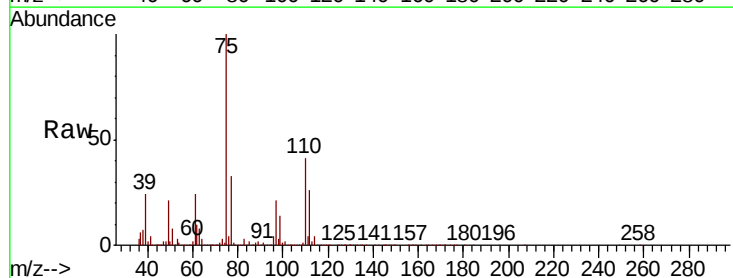
Acq: 18 Dec 2018 12:57

Tgt Ion: 75 Resp: 1667629

Ion Ratio Lower Upper

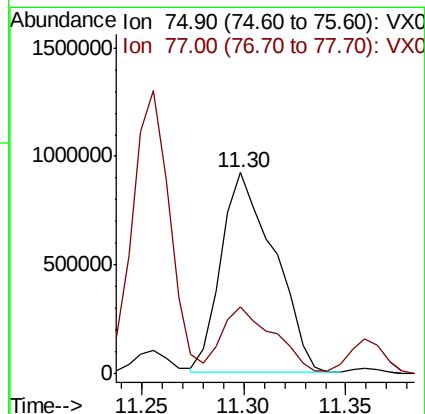
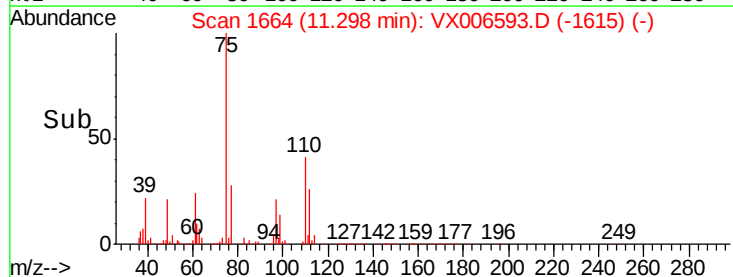
75 100

77 32.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 142.629 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

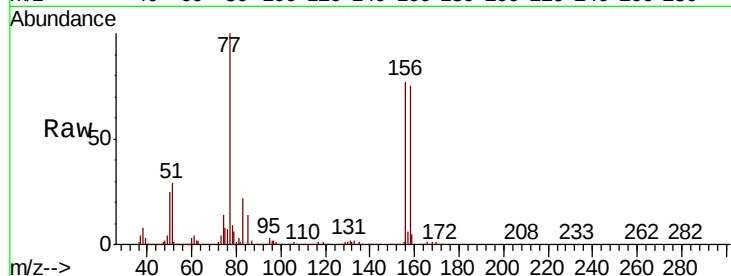
Tgt Ion:156 Resp: 1239722

Ion Ratio Lower Upper

156 100

77 134.1 68.0 204.0

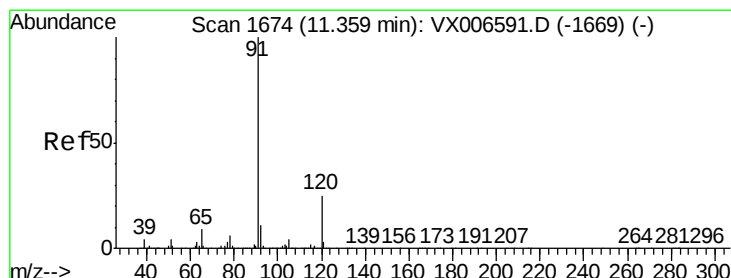
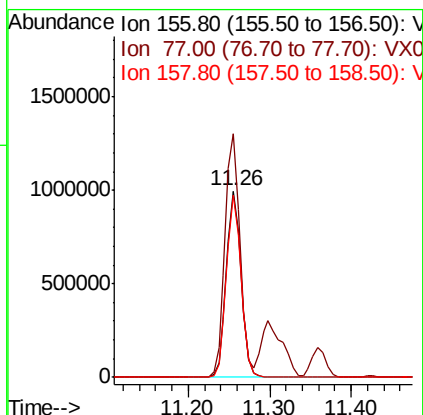
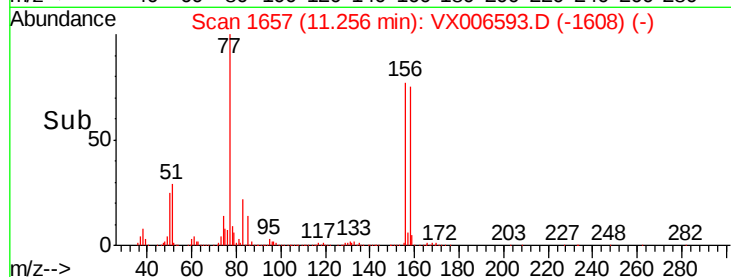
158 97.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 143.748 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006593.D

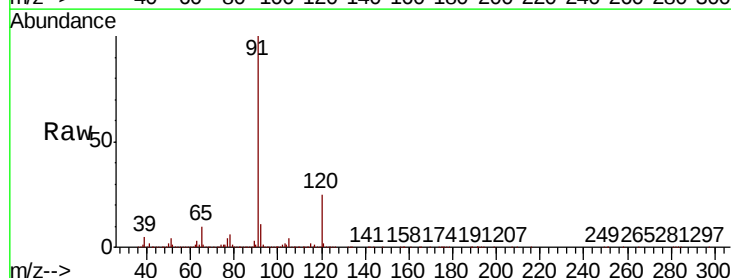
Acq: 18 Dec 2018 12:57

Tgt Ion: 91 Resp: 5089233

Ion Ratio Lower Upper

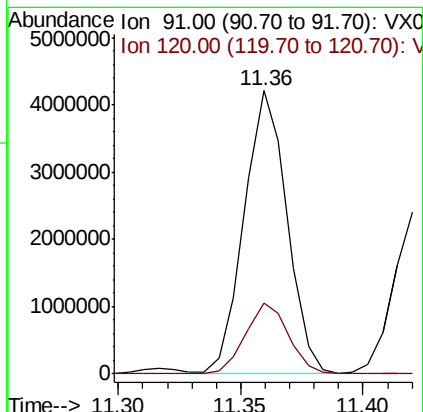
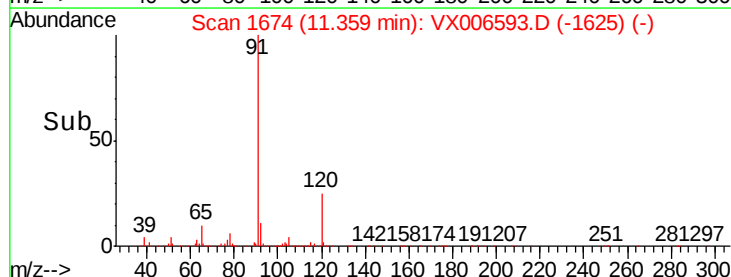
91 100

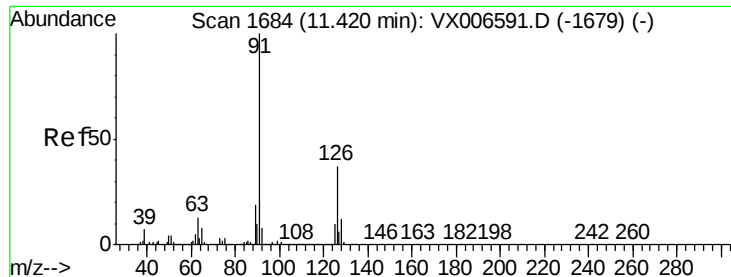
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 139.315 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

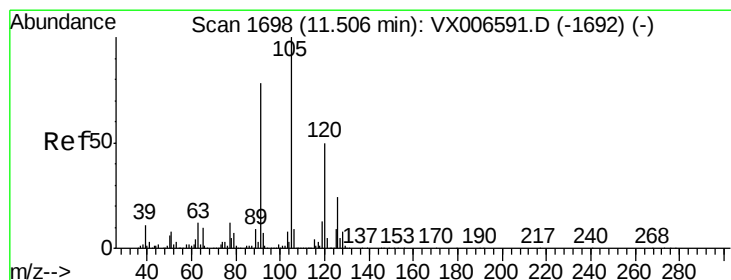
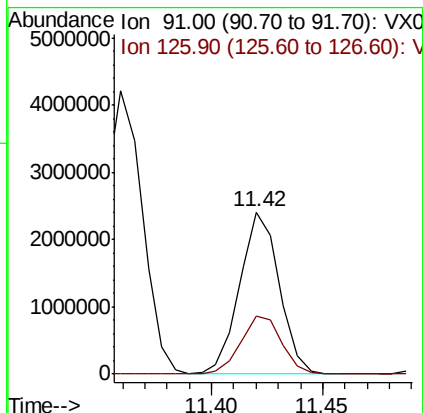
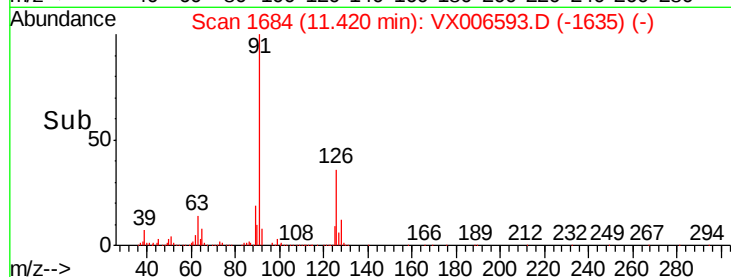
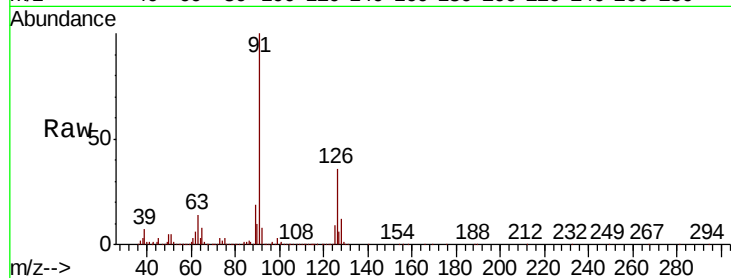
VSTDIC150

Tgt Ion: 91 Resp: 2989022

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 144.536 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006593.D

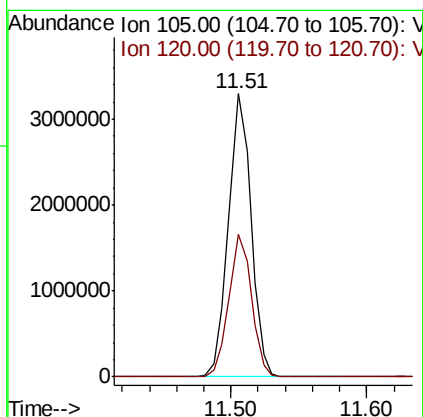
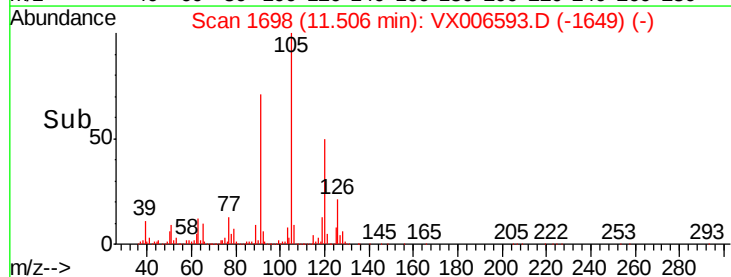
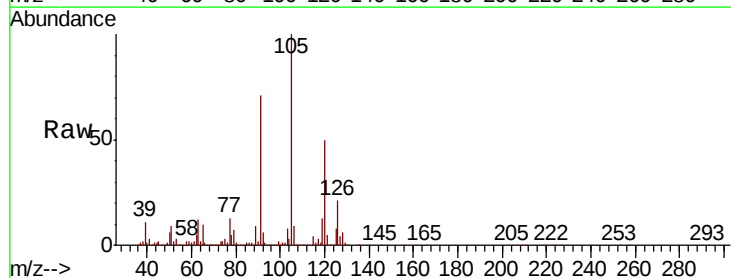
Acq: 18 Dec 2018 12:57

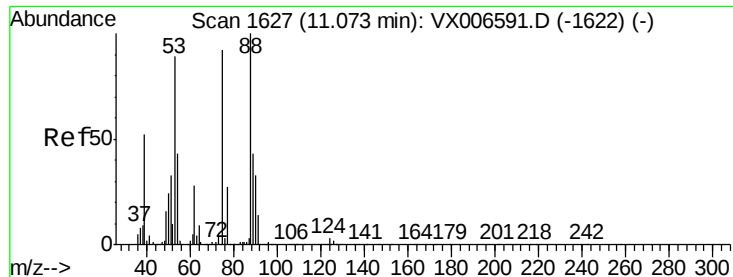
Tgt Ion: 105 Resp: 3827473

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 191.193 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

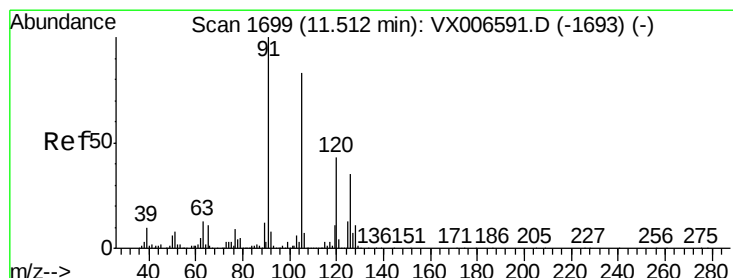
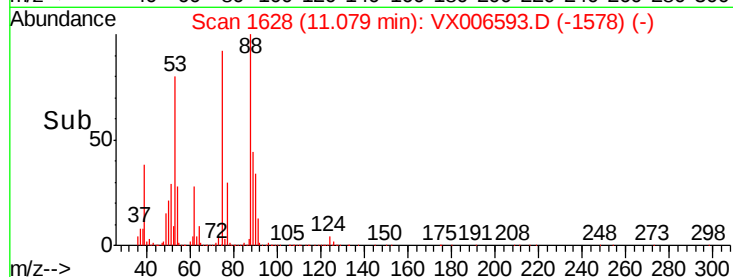
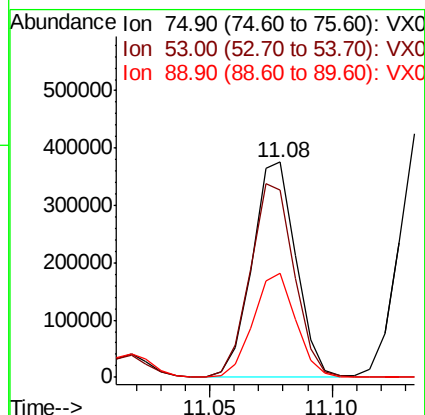
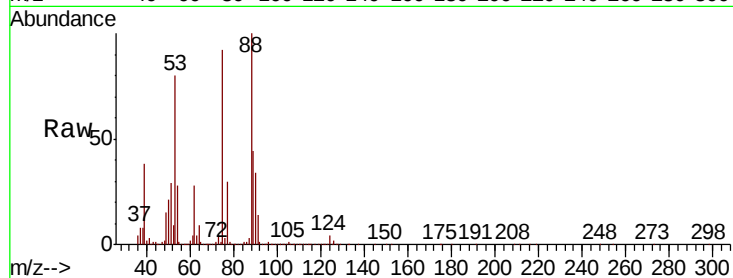
Tgt Ion: 75 Resp: 466178

Ion Ratio Lower Upper

75 100

53 90.4 79.7 119.5

89 47.2 38.0 57.0



#82

4-Chlorotoluene

Concen: 144.206 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006593.D

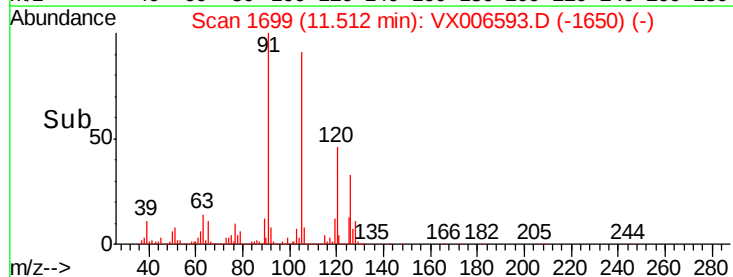
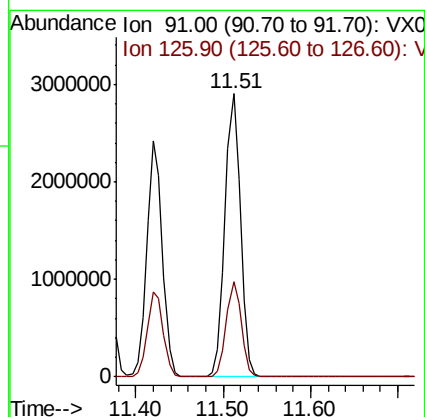
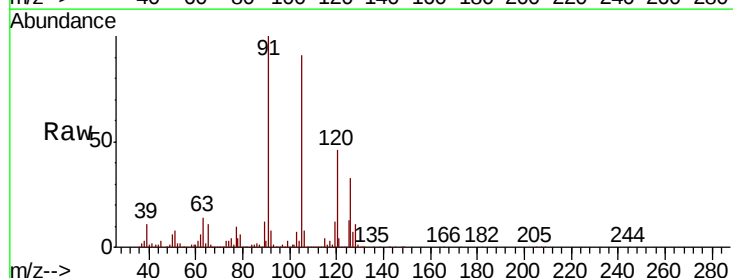
Acq: 18 Dec 2018 12:57

Tgt Ion: 91 Resp: 3548977

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9





#83

tert-Butylbenzene

Concen: 149.655 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

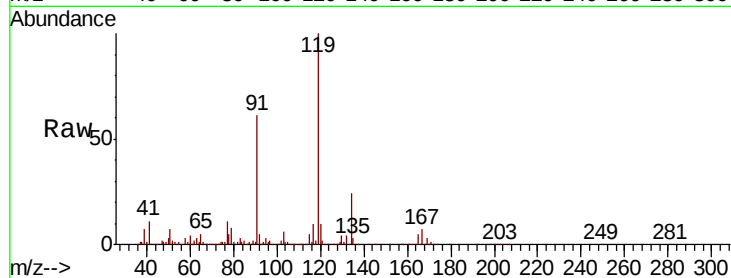
Tgt Ion:119 Resp: 3966353

Ion Ratio Lower Upper

119 100

91 54.2 27.7 83.1

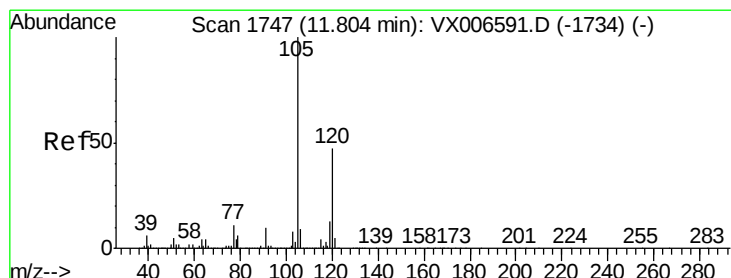
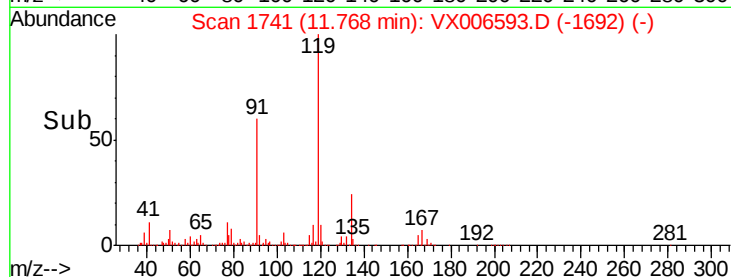
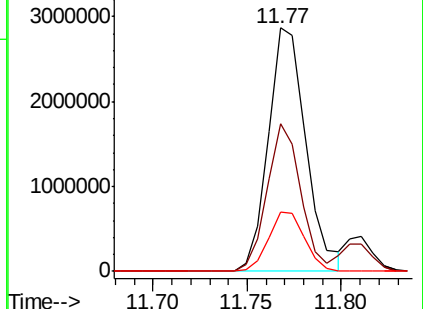
134 23.3 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 139.912 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006593.D

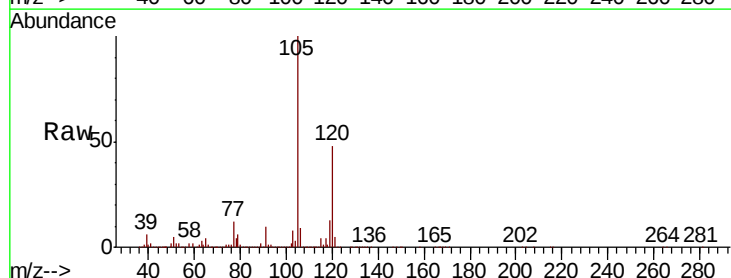
Acq: 18 Dec 2018 12:57

Tgt Ion:105 Resp: 3897041

Ion Ratio Lower Upper

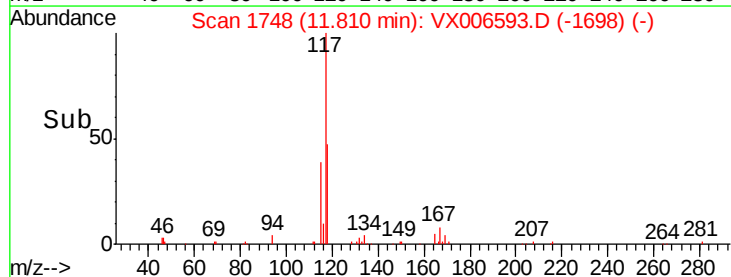
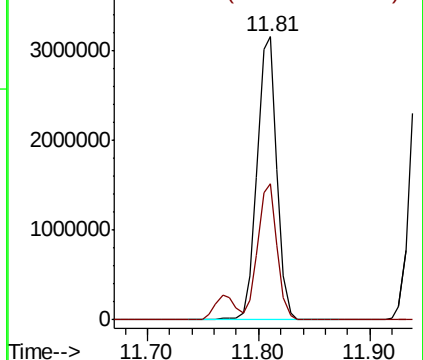
105 100

120 47.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 143.690 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

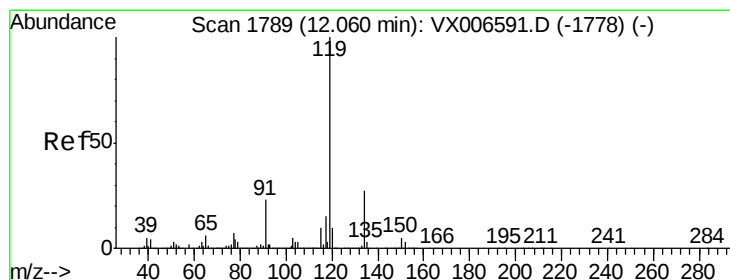
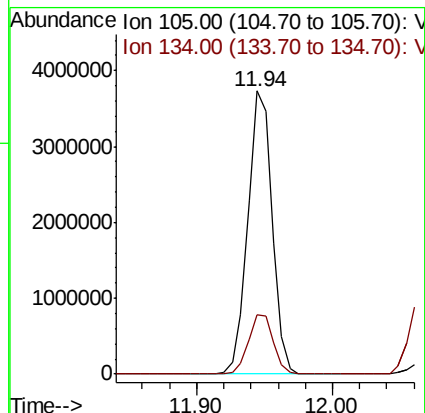
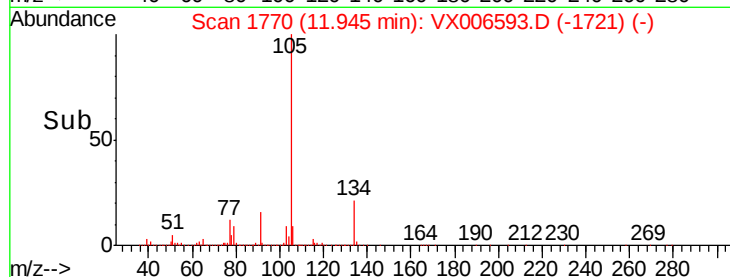
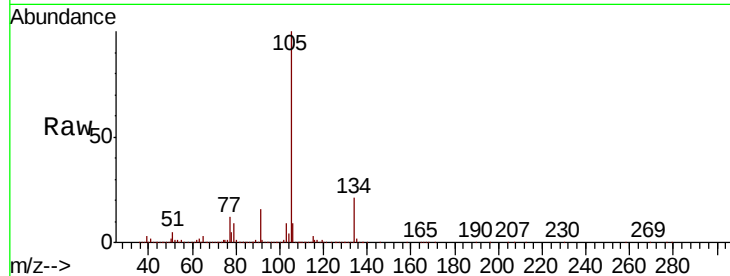
VSTDIC150

Tgt Ion:105 Resp: 4669143

Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9



#86

p-Isopropyltoluene

Concen: 149.104 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

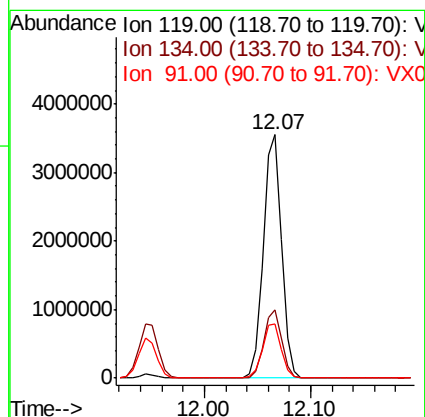
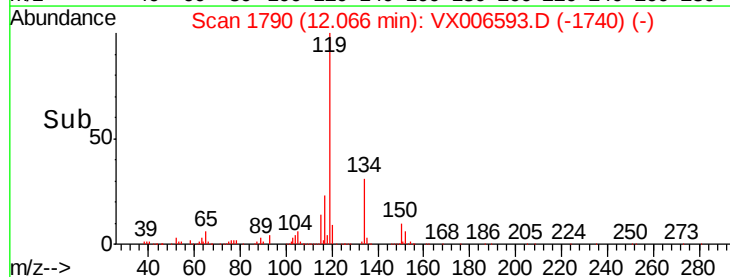
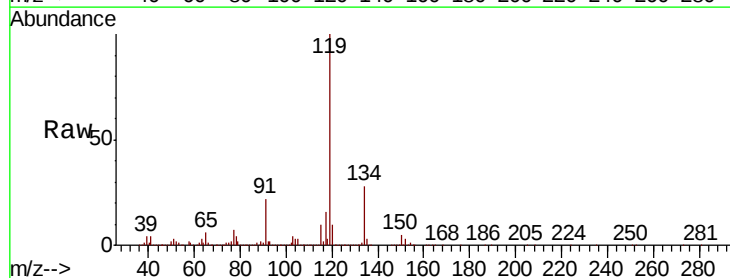
Tgt Ion:119 Resp: 4259018

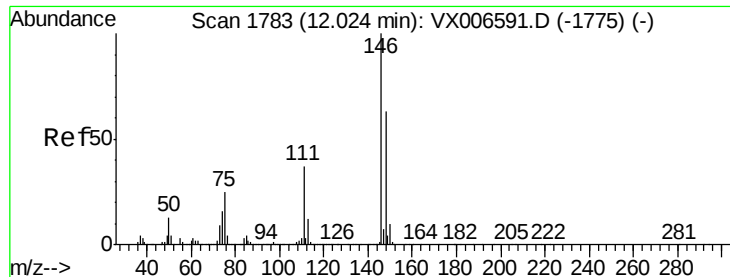
Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 22.7 11.3 33.9

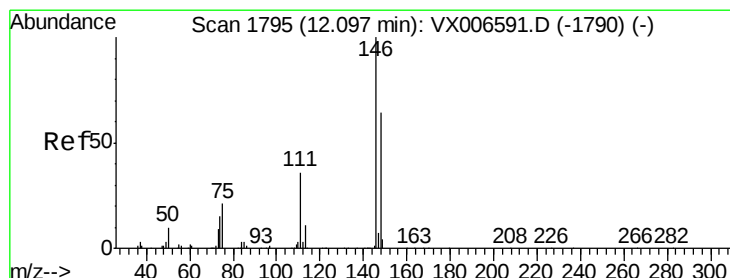
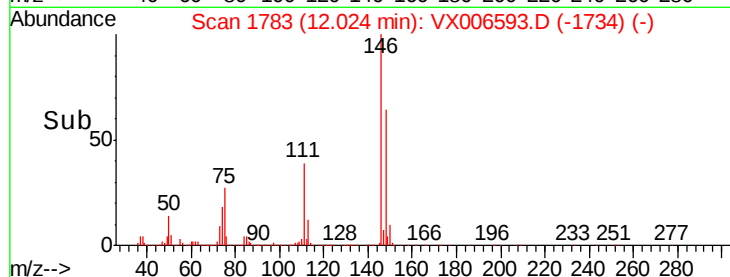
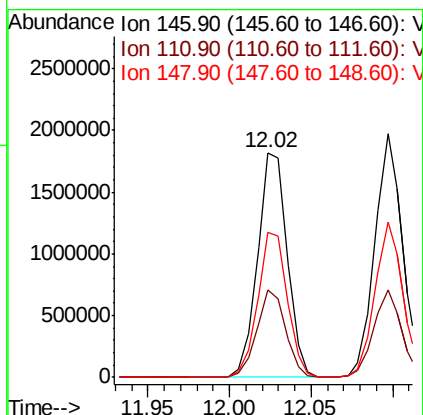
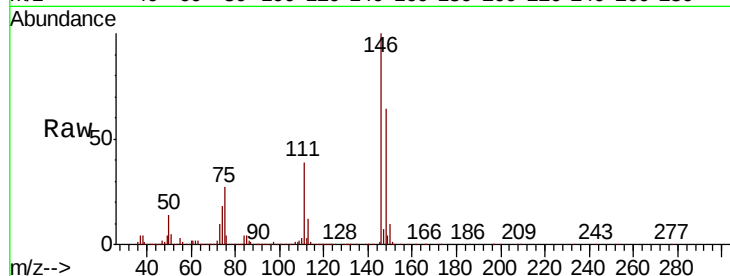




#87
 1,3-Dichlorobenzene
 Concen: 147.034 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

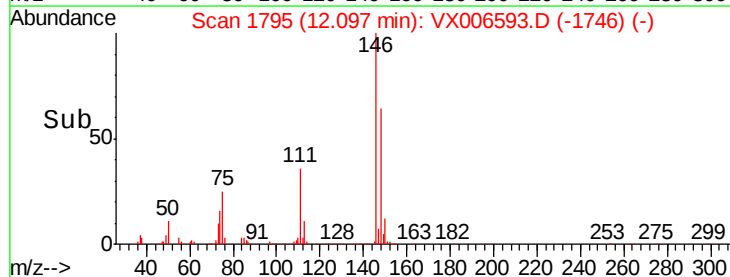
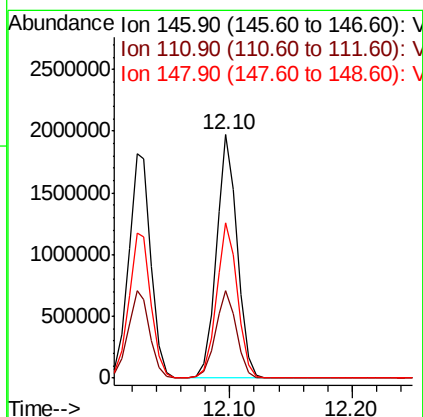
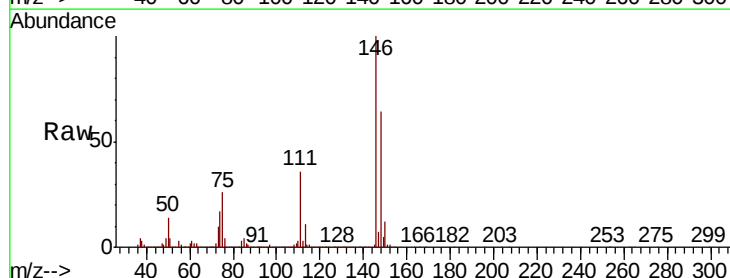
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

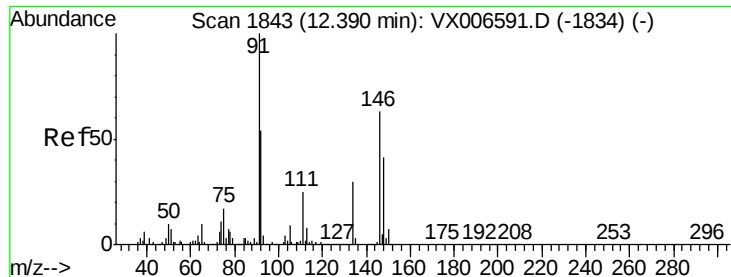
Tgt Ion:146 Resp: 2303302
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 55.8
 148 64.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 144.871 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

Tgt Ion:146 Resp: 2329224
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.1
 148 64.2 31.9 95.9

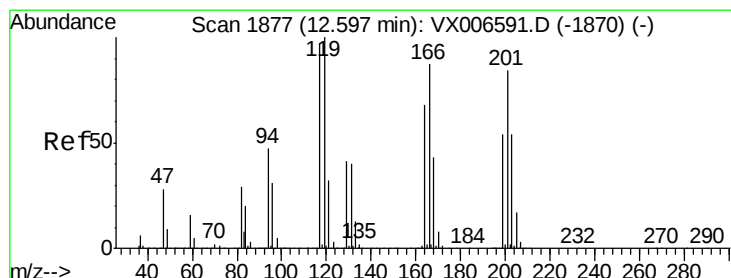
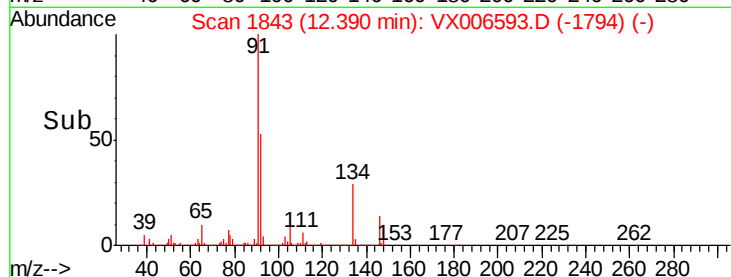
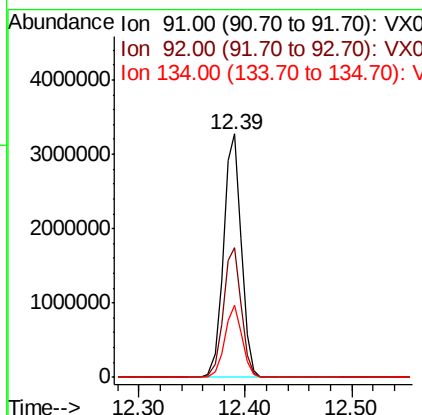
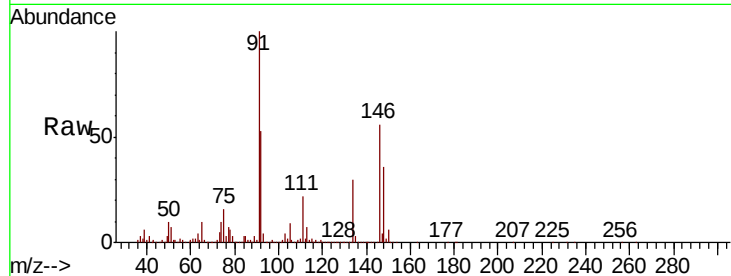




#89
n-Butylbenzene
Concen: 156.595 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

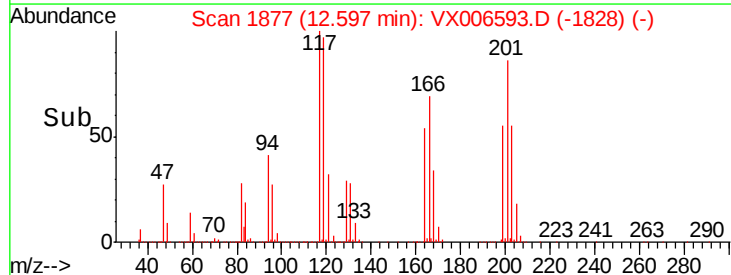
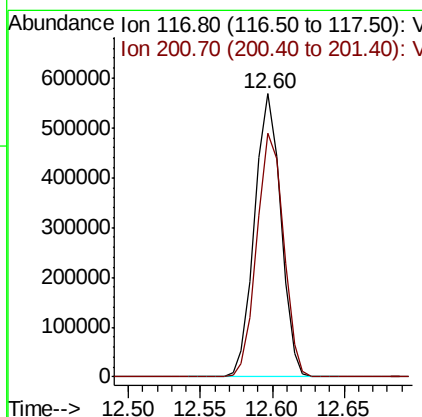
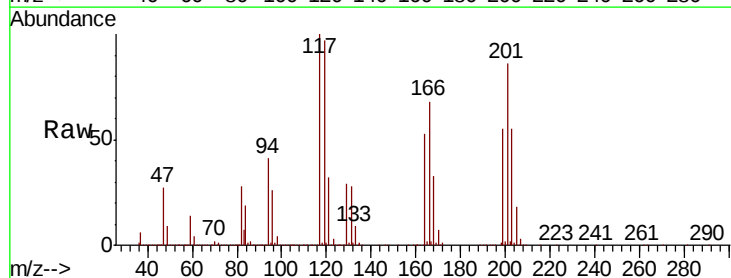
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 3806730
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.4
134 28.8 14.4 43.2



#90
Hexachloroethane
Concen: 183.047 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Tgt Ion: 117 Resp: 712245
Ion Ratio Lower Upper
117 100
201 87.6 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 145.213 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

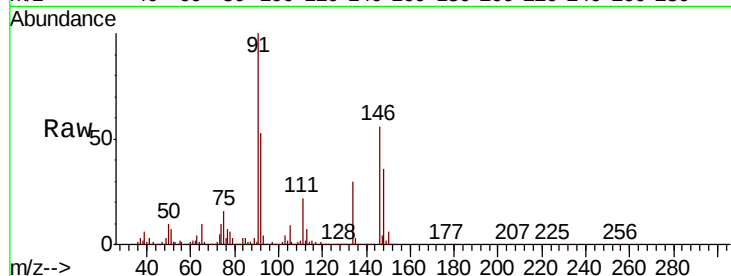
Tgt Ion:146 Resp: 2275564

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

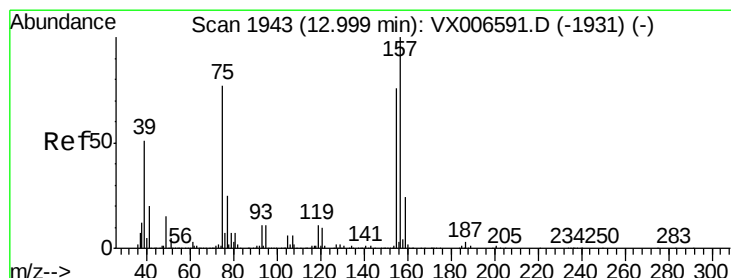
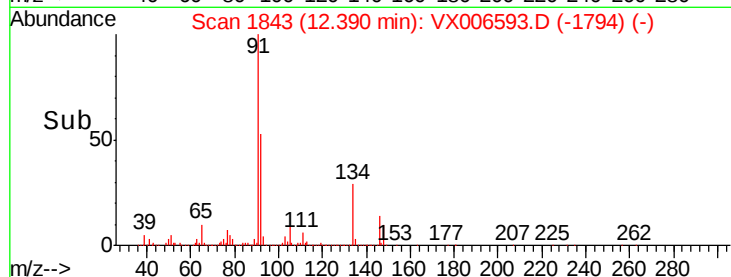
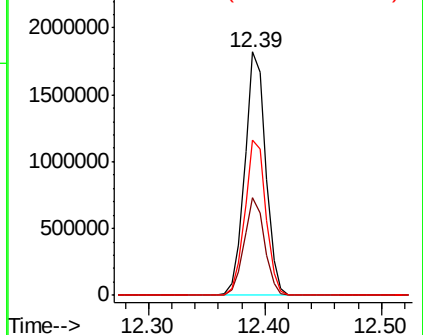
148 64.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 166.367 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006593.D

Acq: 18 Dec 2018 12:57

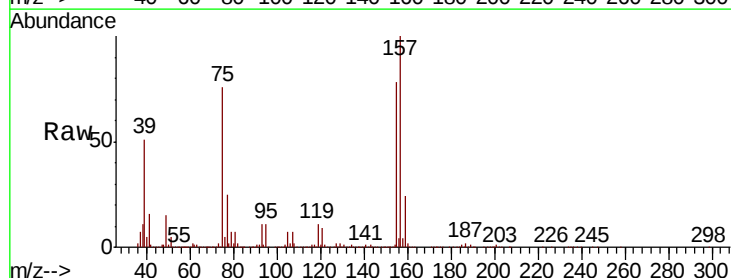
Tgt Ion: 75 Resp: 329143

Ion Ratio Lower Upper

75 100

155 103.9 50.6 151.8

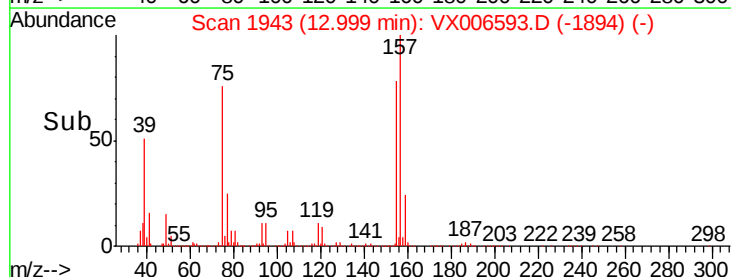
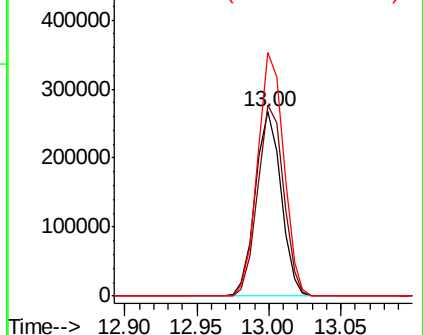
157 133.8 64.6 193.8

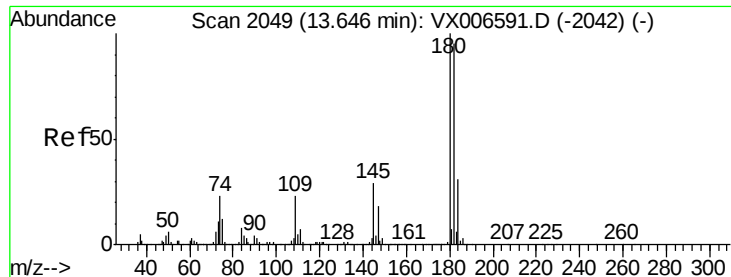


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

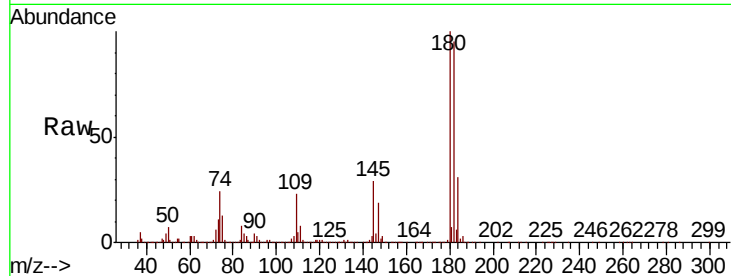




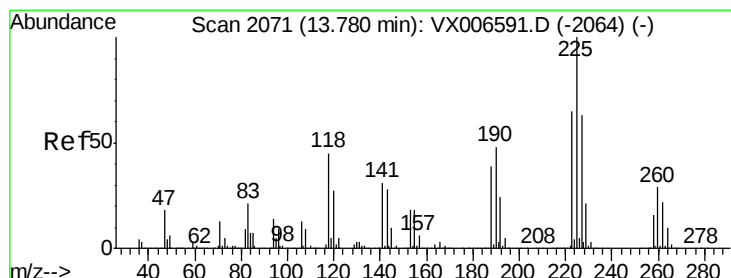
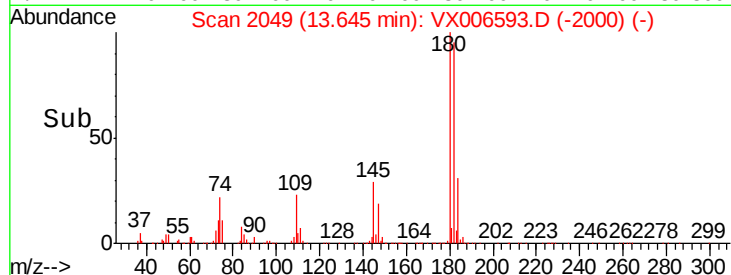
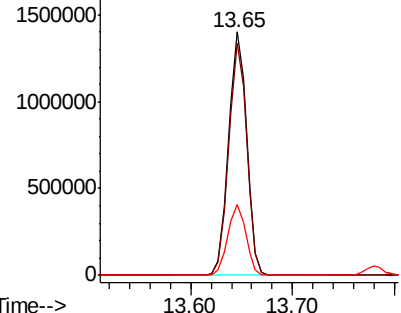
#93
 1,2,4-Trichlorobenzene
 Concen: 157.884 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1706642
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 142.0
 145 29.3 14.8 44.3

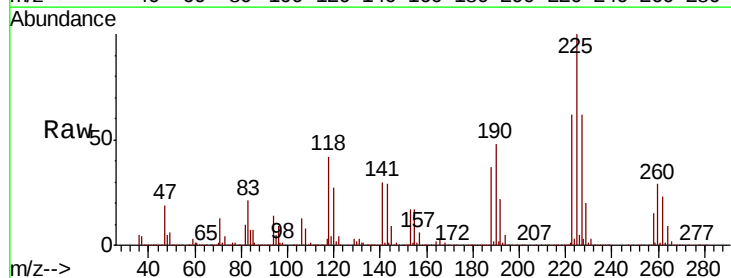


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

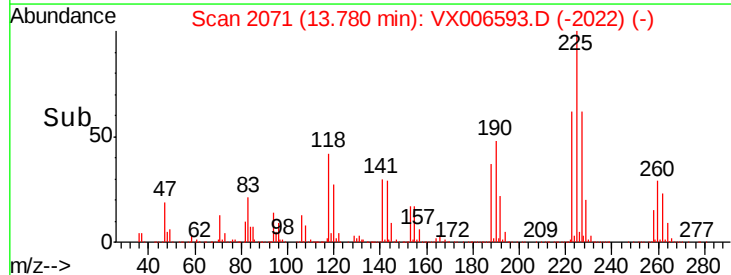
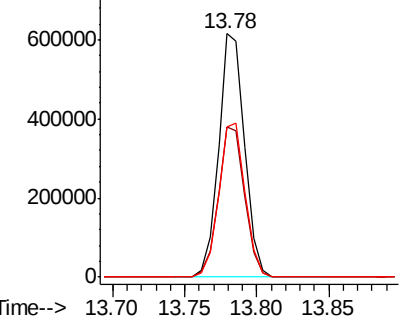


#94
 Hexachlorobutadiene
 Concen: 151.733 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006593.D
 Acq: 18 Dec 2018 12:57

Tgt Ion:225 Resp: 773076
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.1 96.3
 227 64.0 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

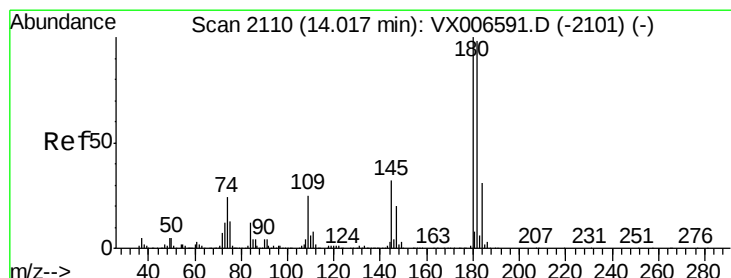
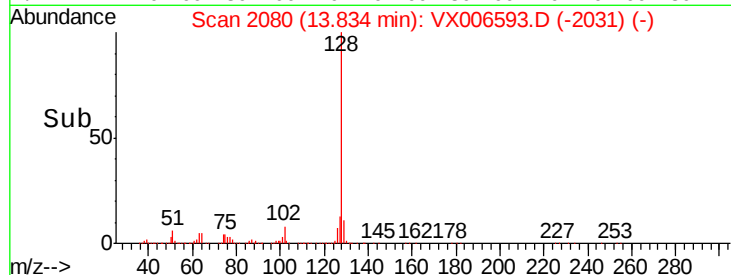
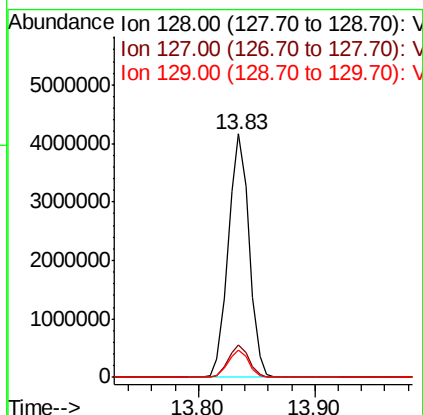
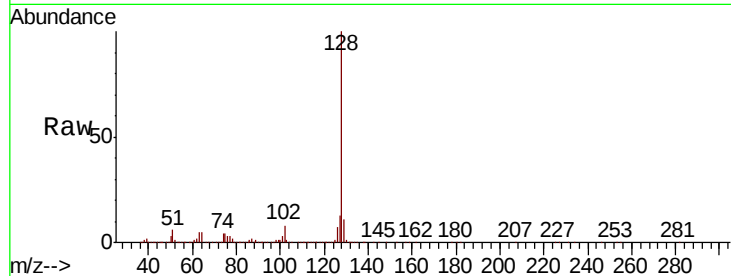




#95
Naphthalene
Concen: 149.362 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 5152971
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 151.082 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006593.D
Acq: 18 Dec 2018 12:57

Tgt Ion:180 Resp: 1686169
Ion Ratio Lower Upper
180 100
182 95.7 48.5 145.5
145 31.0 16.0 47.9

